

FIG. 1

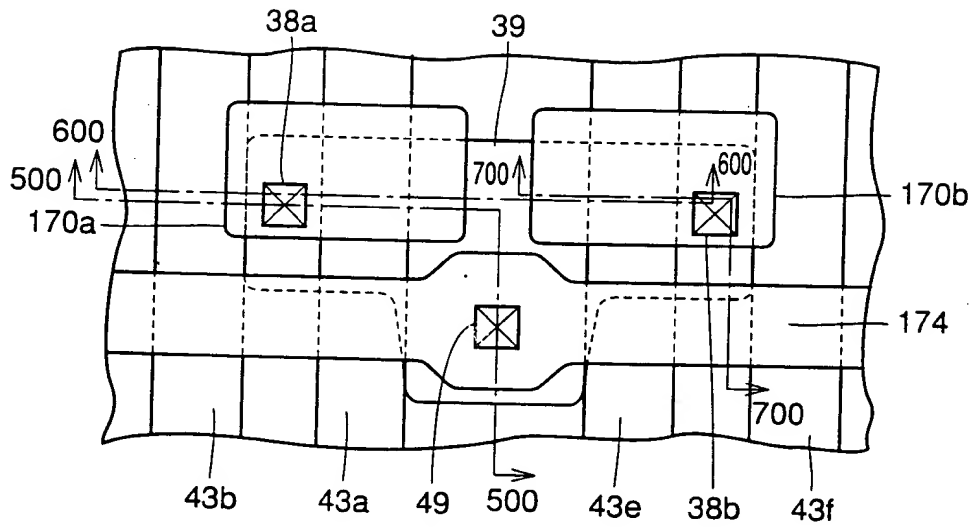


FIG. 2

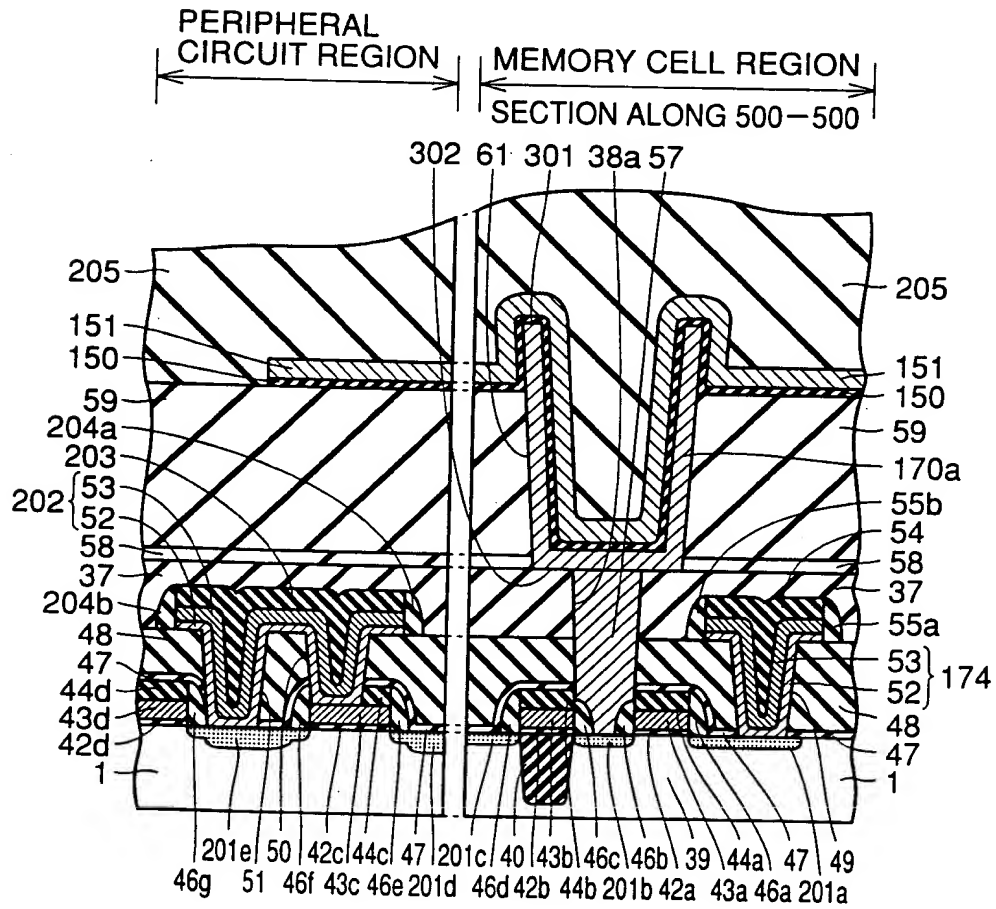


FIG. 3

FIG. 3

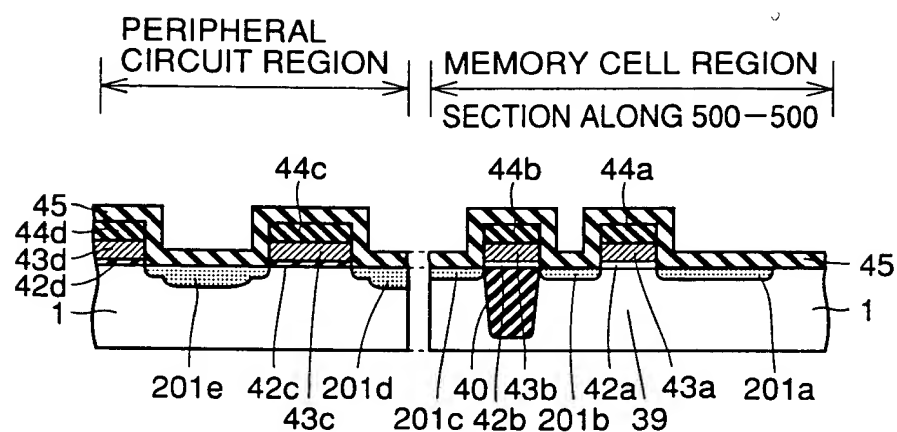


FIG. 4

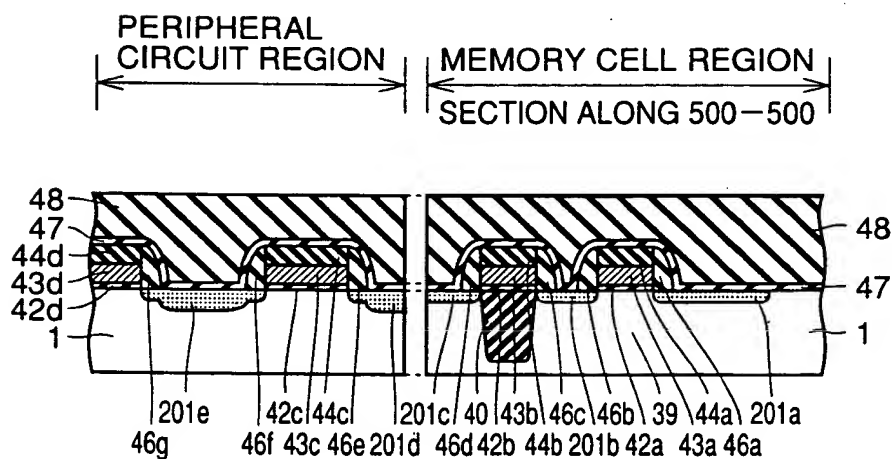


Figure 1 shows a 1D chain of N sites. The sites are labeled $1, 2, \dots, N$. The chain is divided into two regions: the left region (sites 1 to $N/2$) and the right region (sites $N/2+1$ to N). The left region is labeled 'Left' and the right region is labeled 'Right'. The chain is connected to a central point labeled $N/2$.

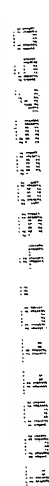


FIG.6

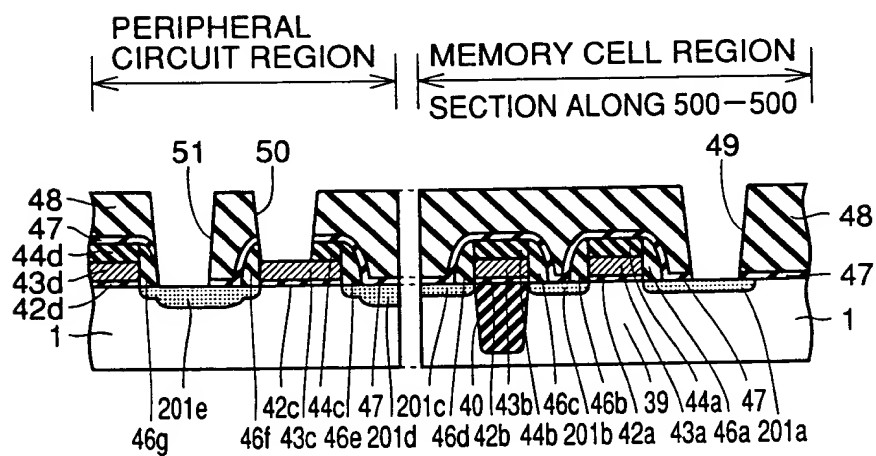


FIG.7

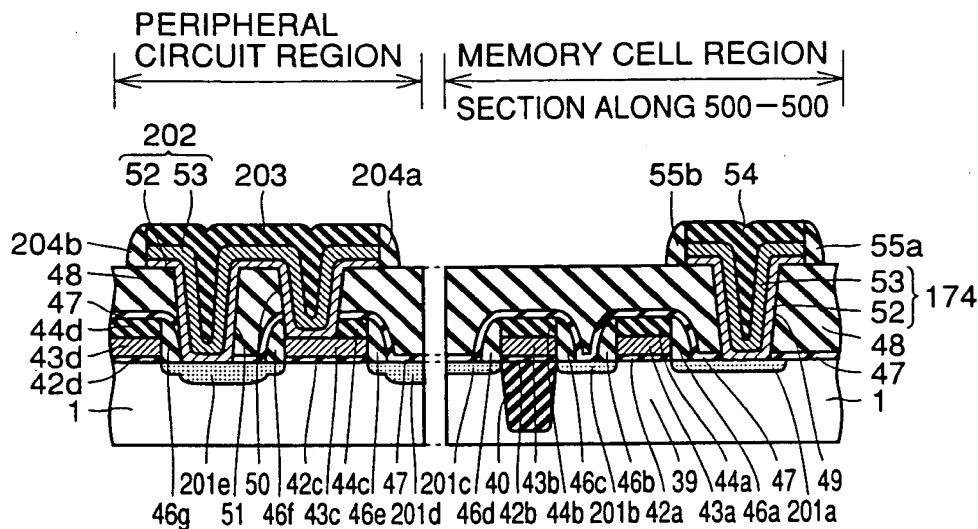
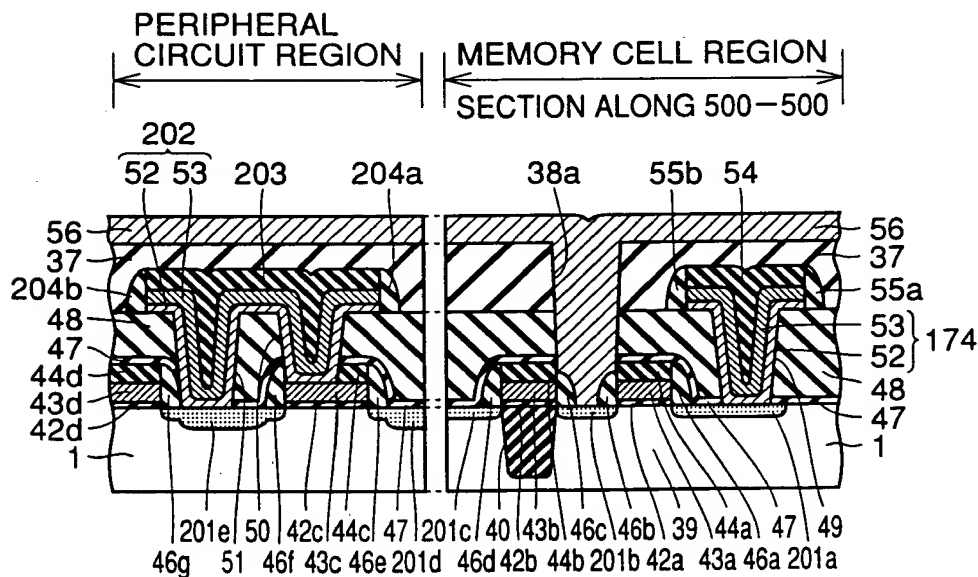


FIG.8



FOOT 1985.60

FIG.9

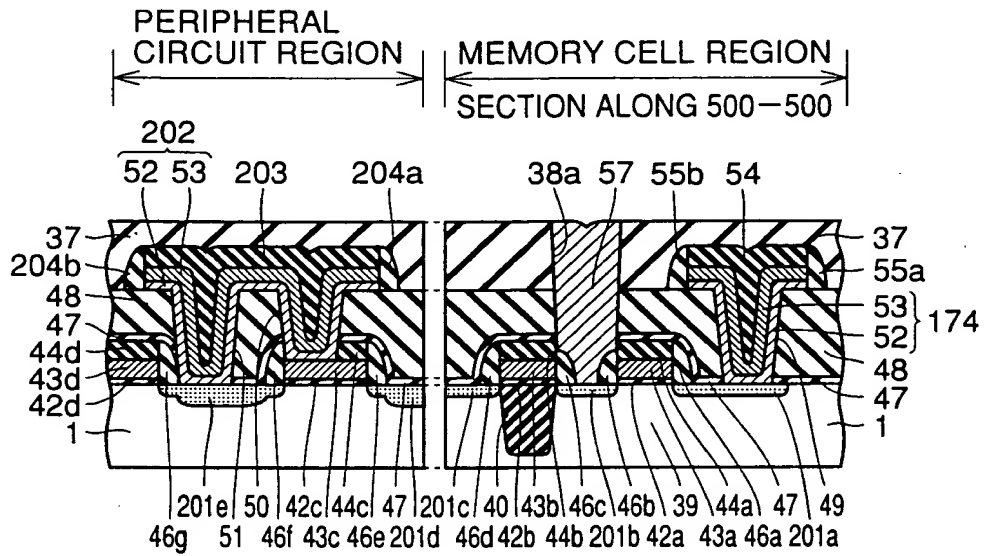


FIG.10

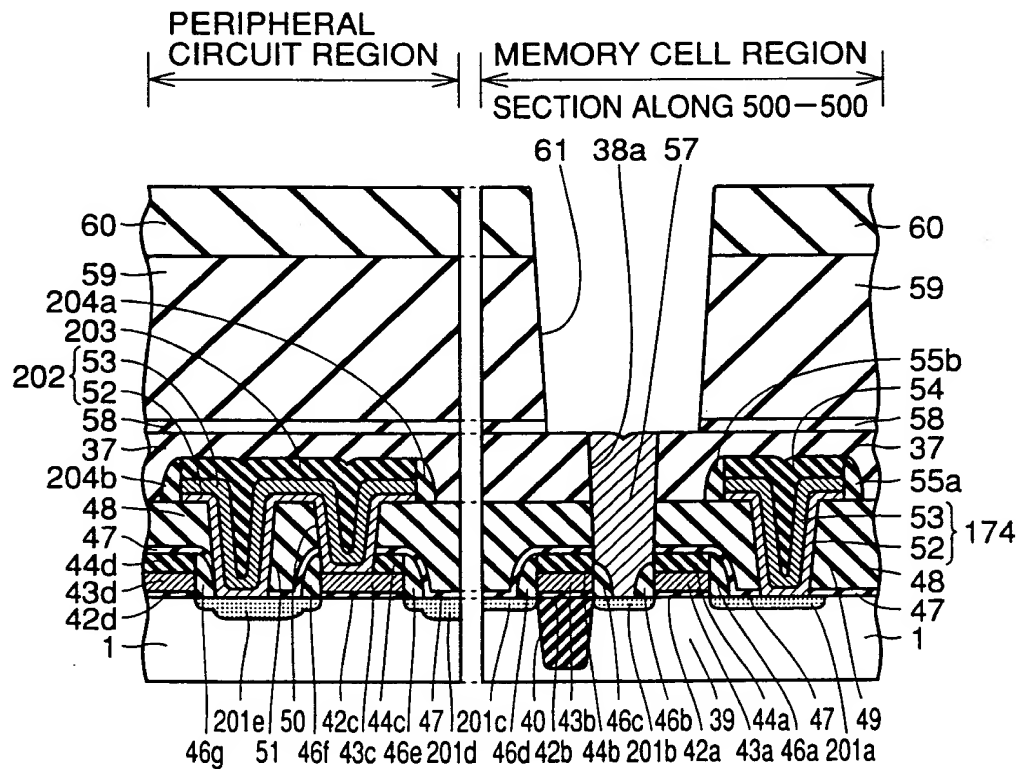


FIG. 11

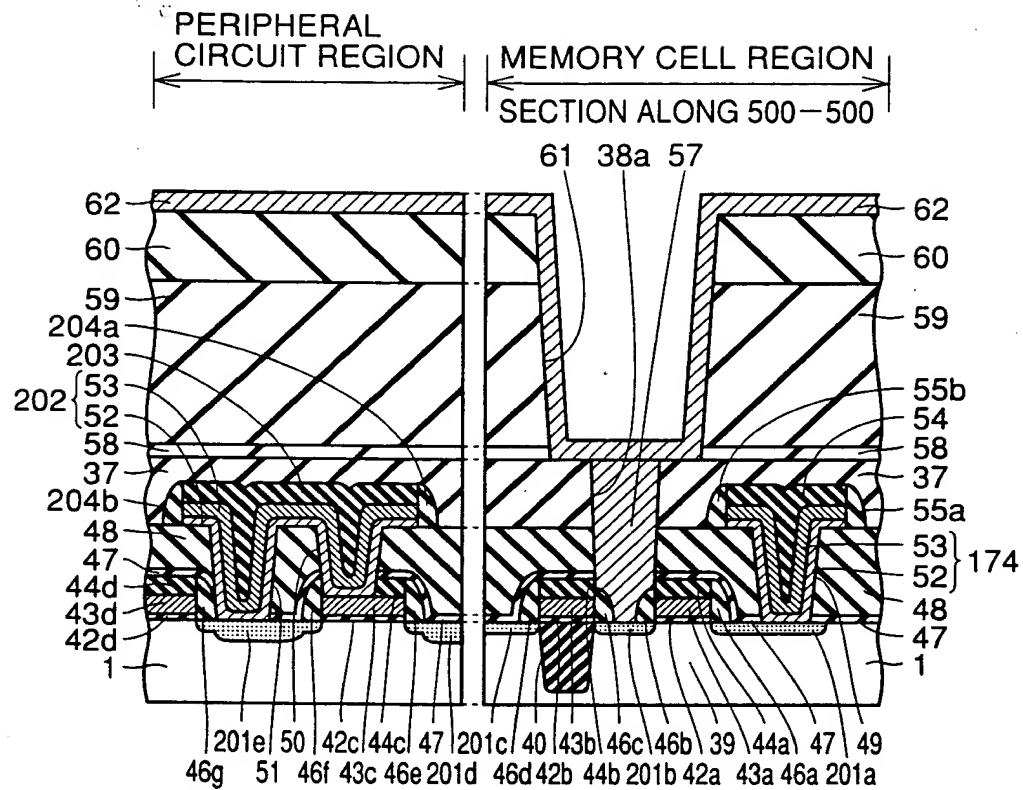


FIG. 12

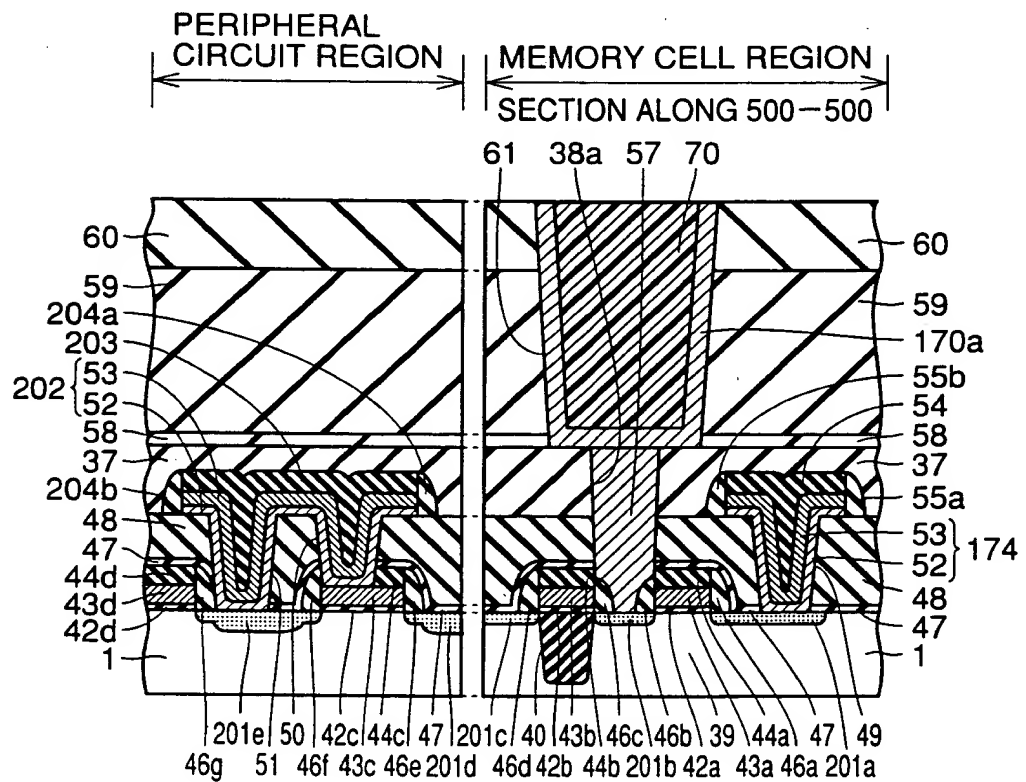


FIG. 13

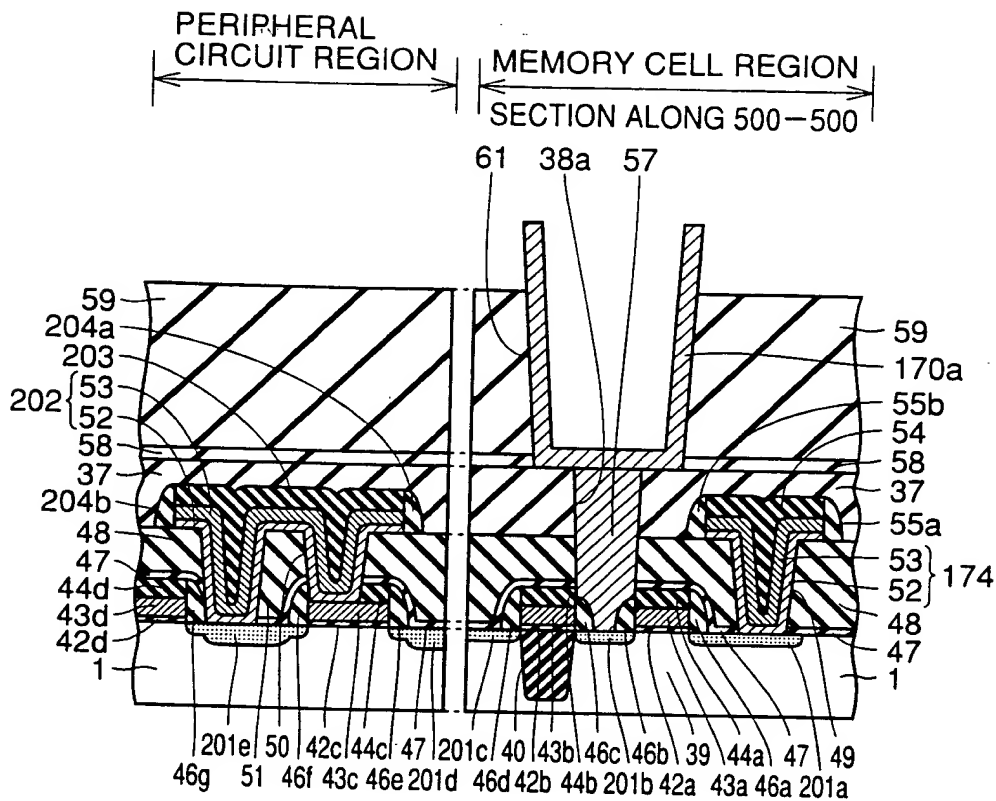


FIG. 14

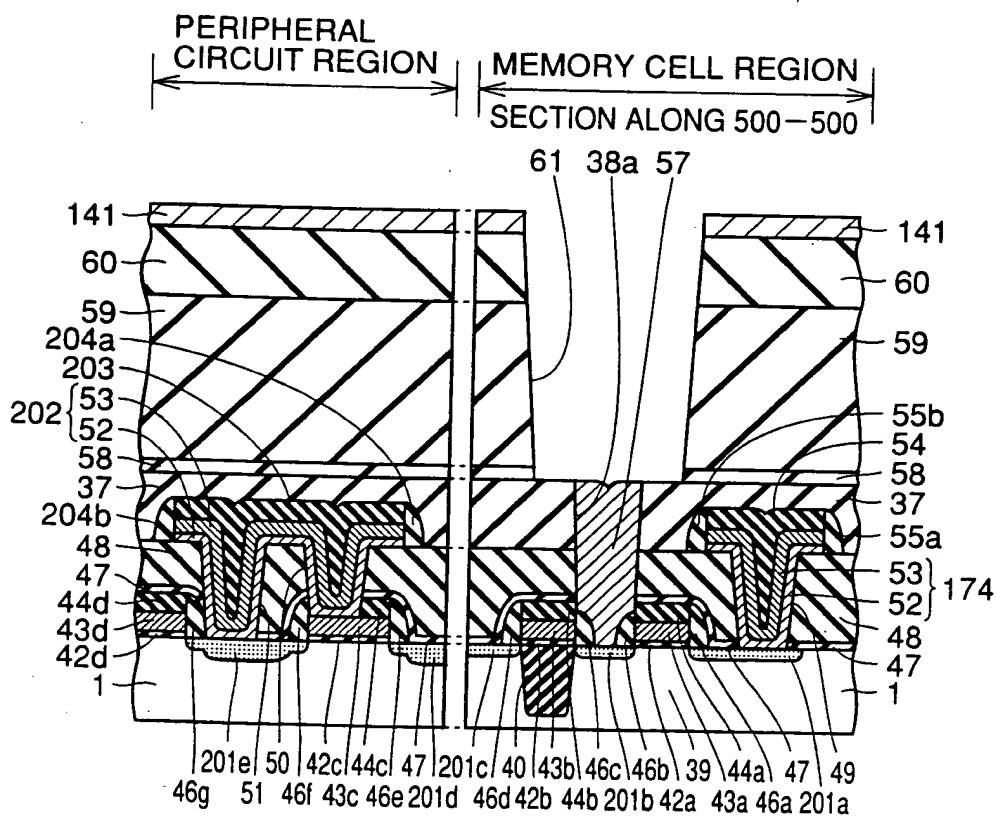


FIG. 15

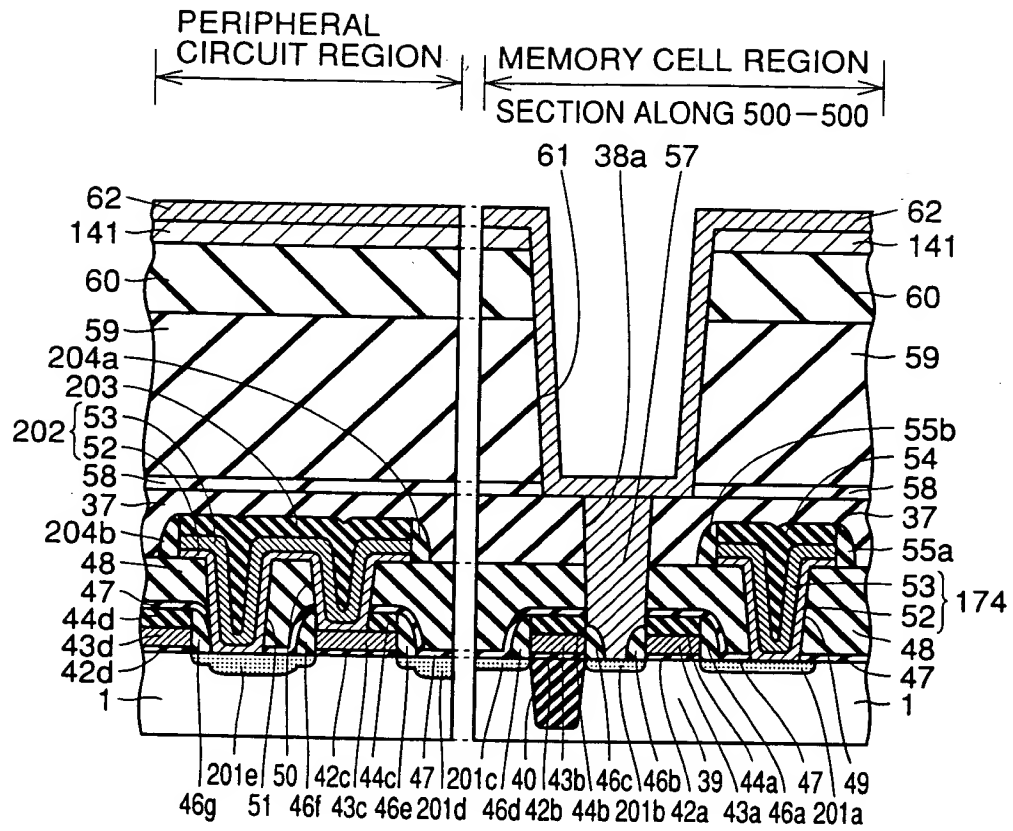


FIG. 16

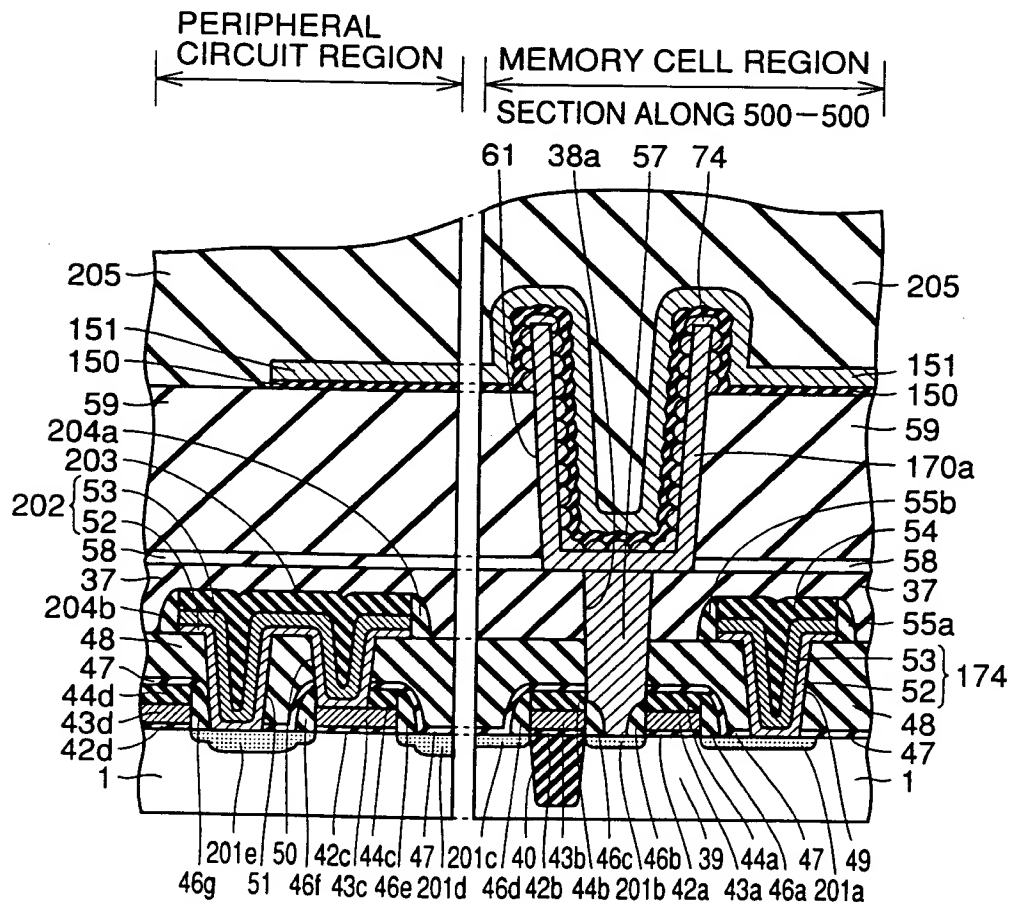


FIG. 17

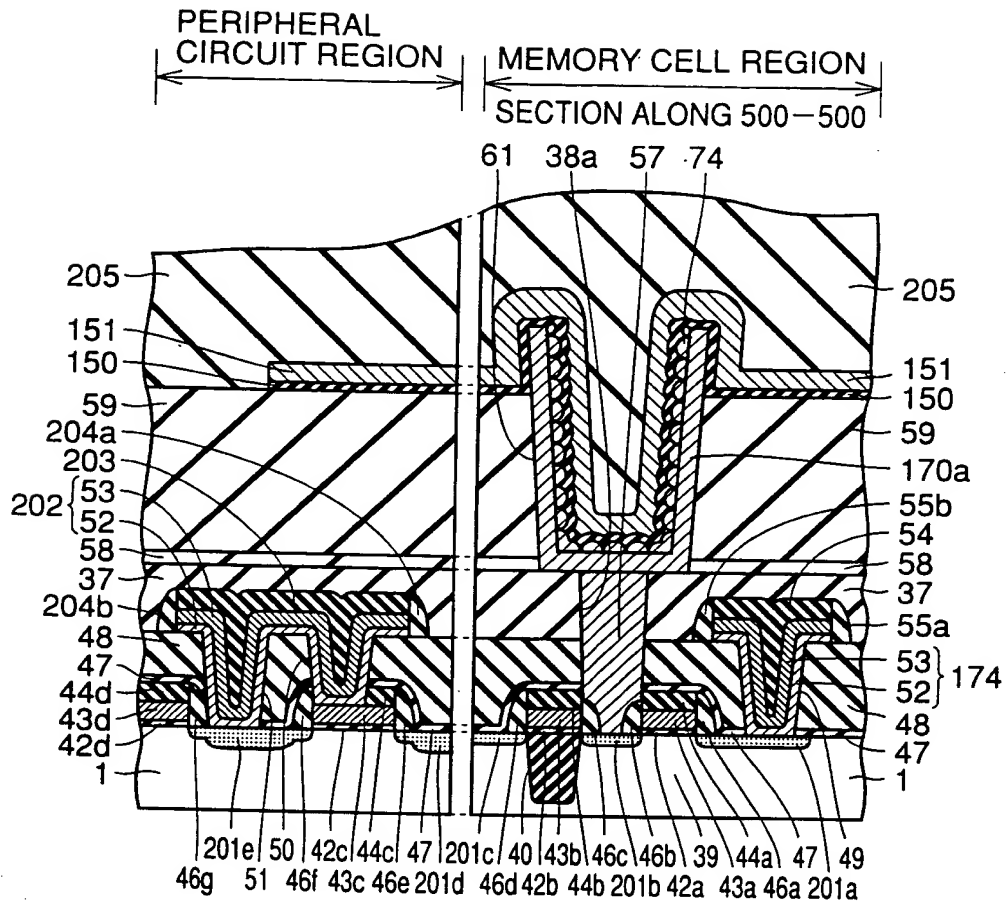


FIG. 18

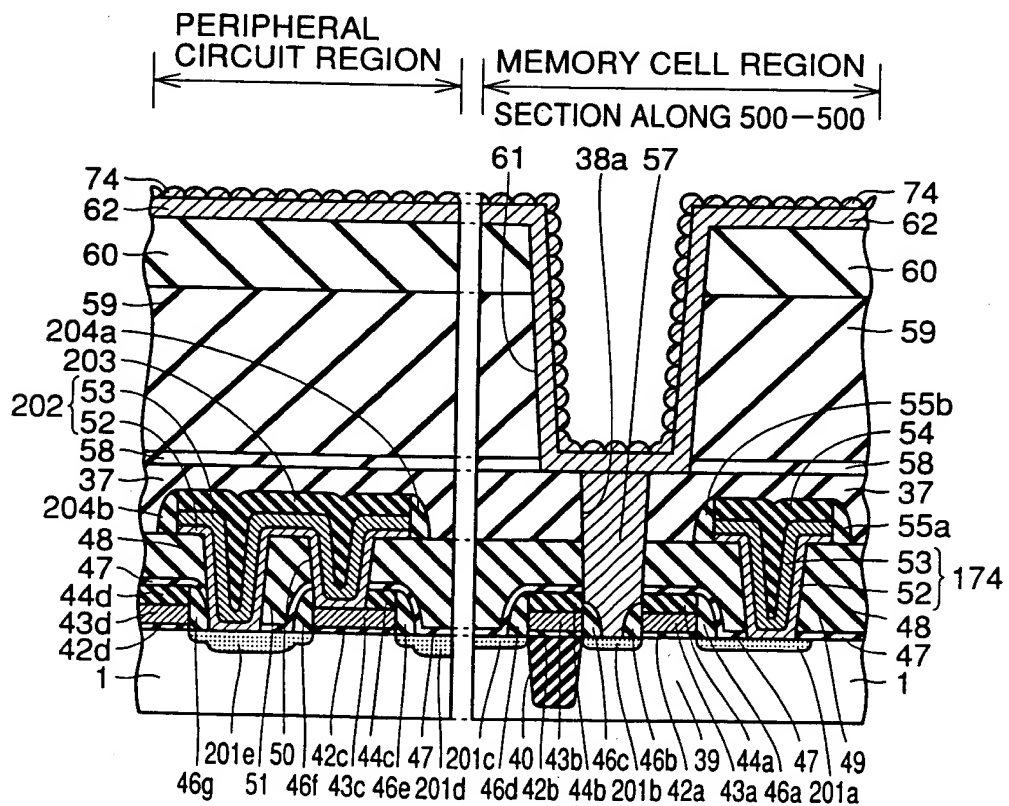


FIG. 19

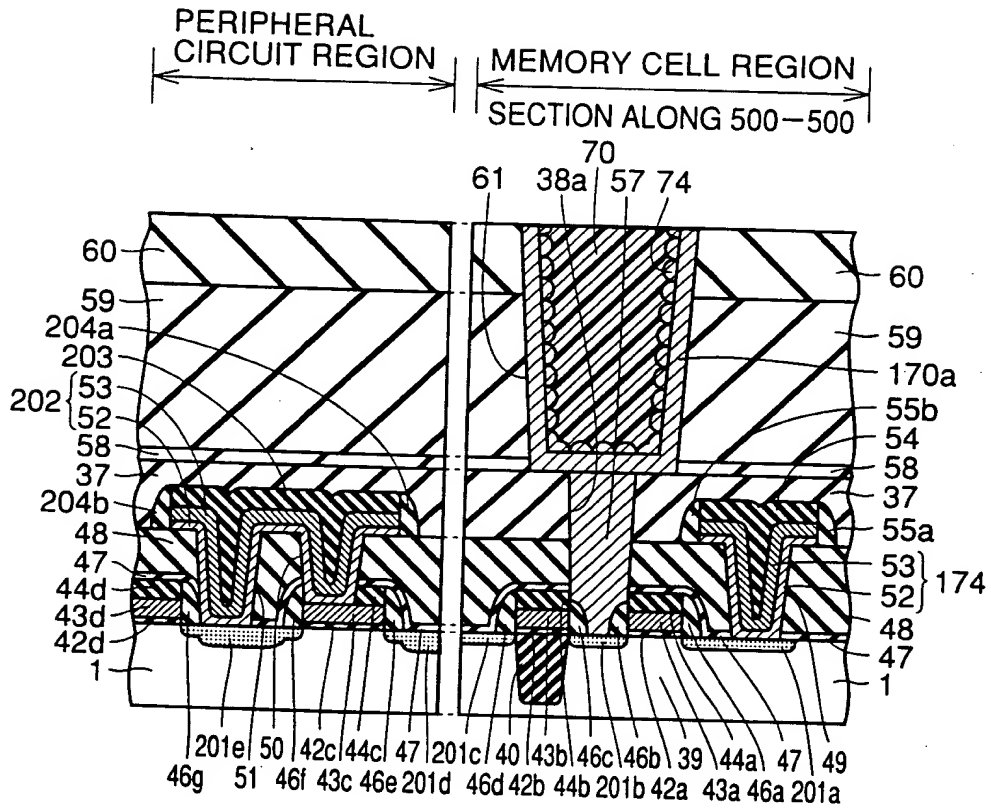


FIG. 20

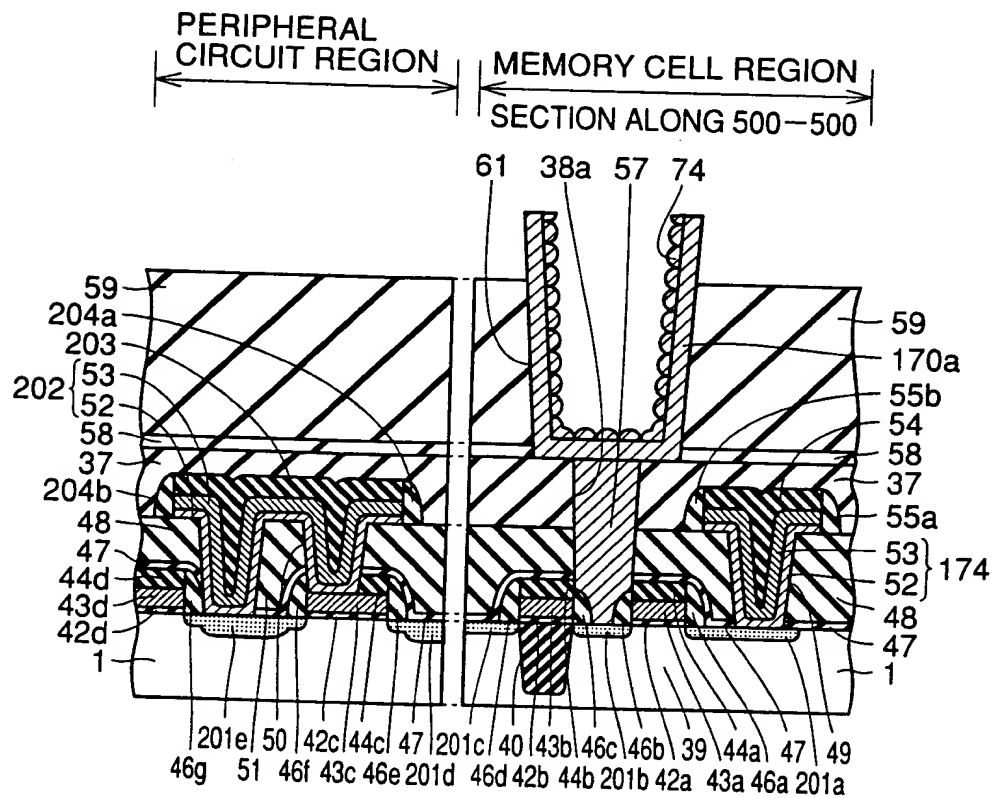


FIG.21

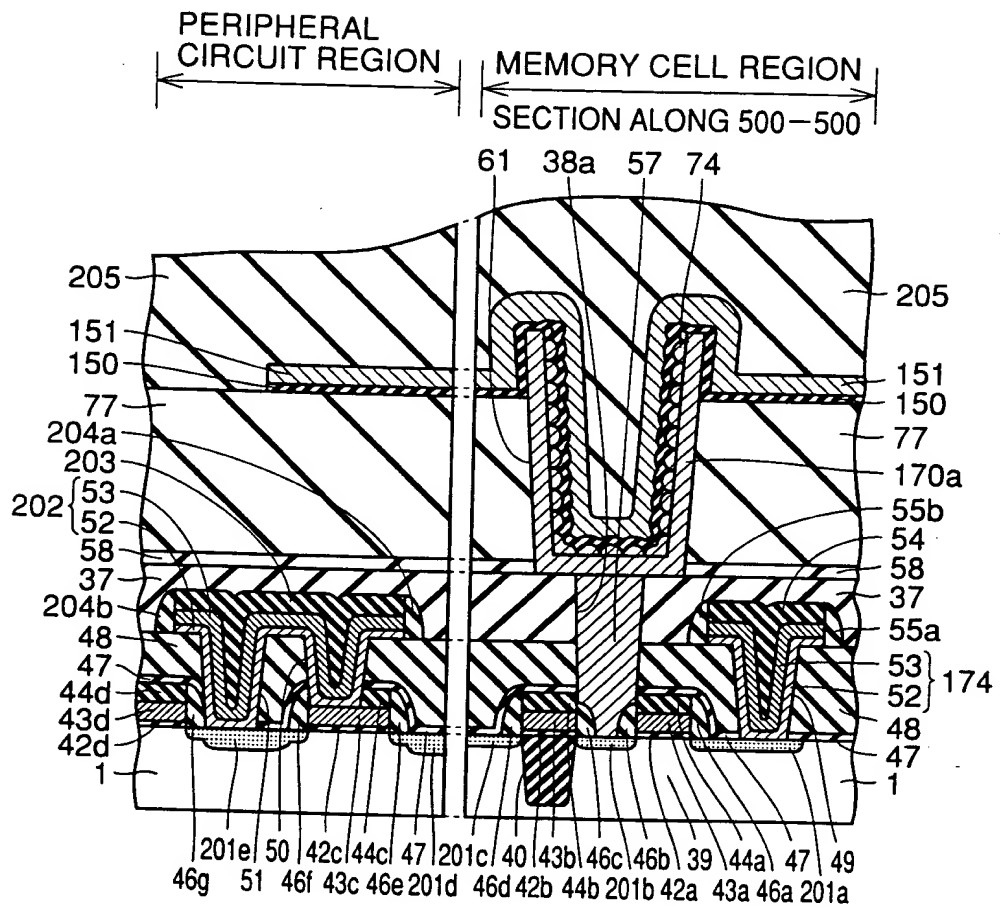


FIG.22

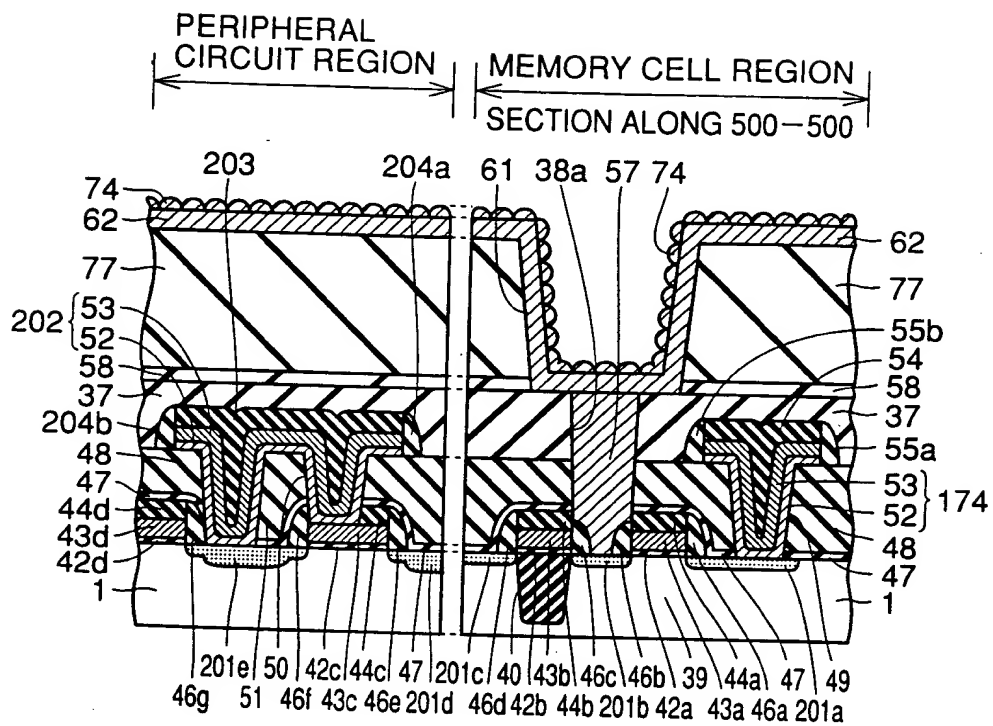


FIG.23

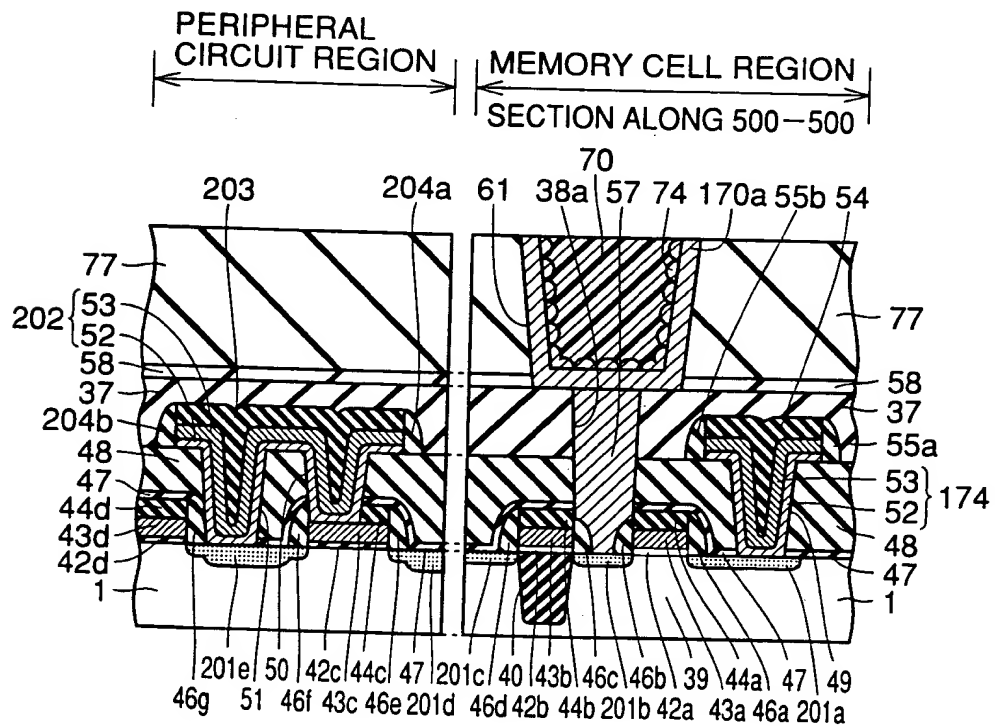


FIG.24

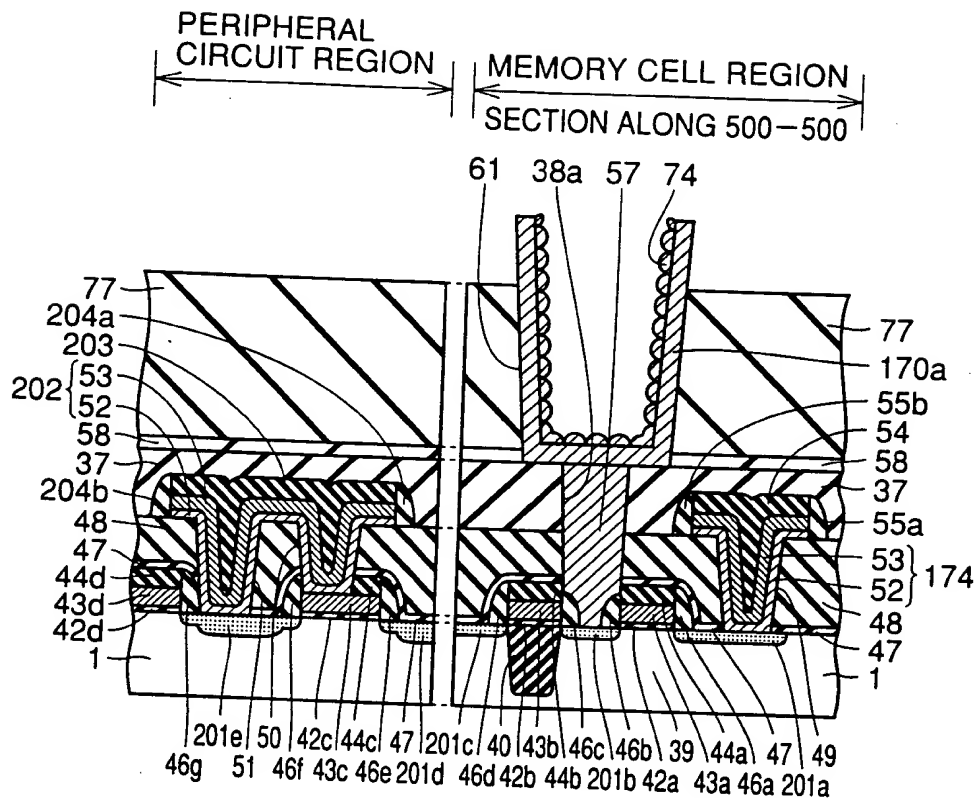


FIG.25

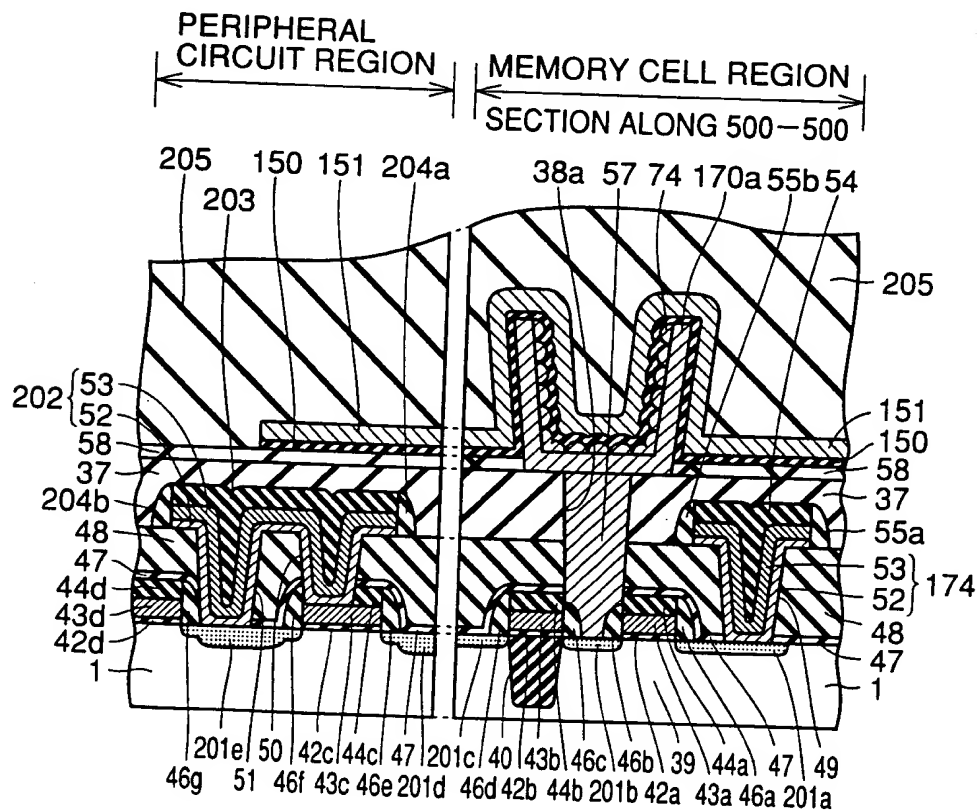


FIG.26

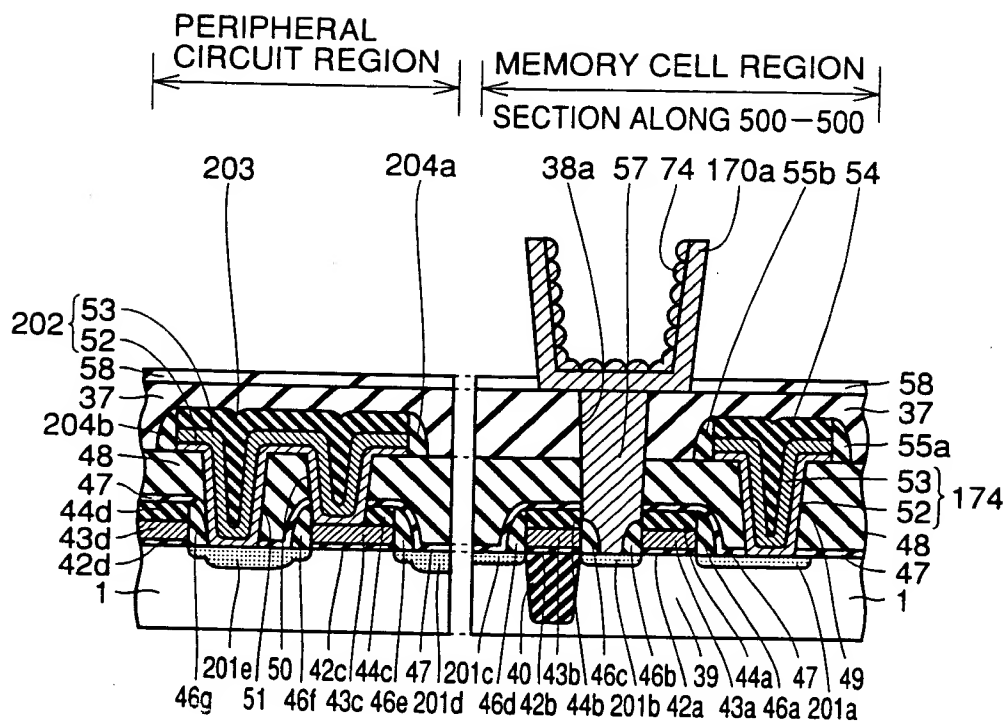


FIG.27

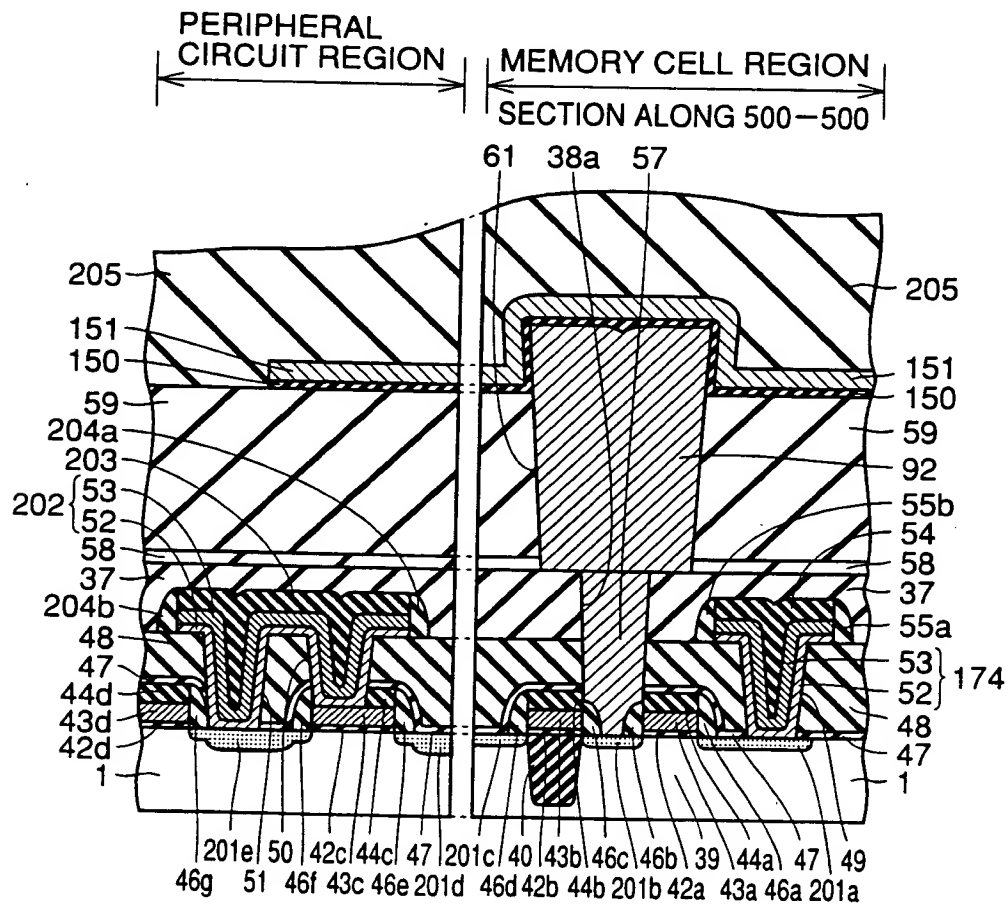


FIG.28

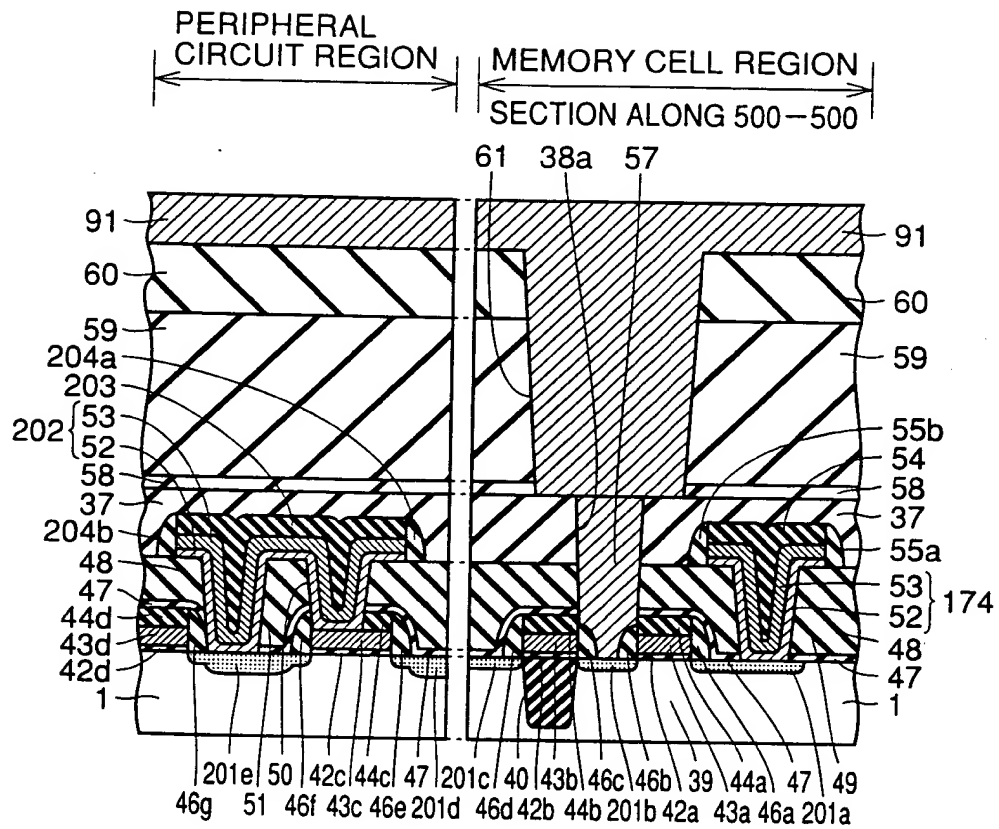


FIG.29

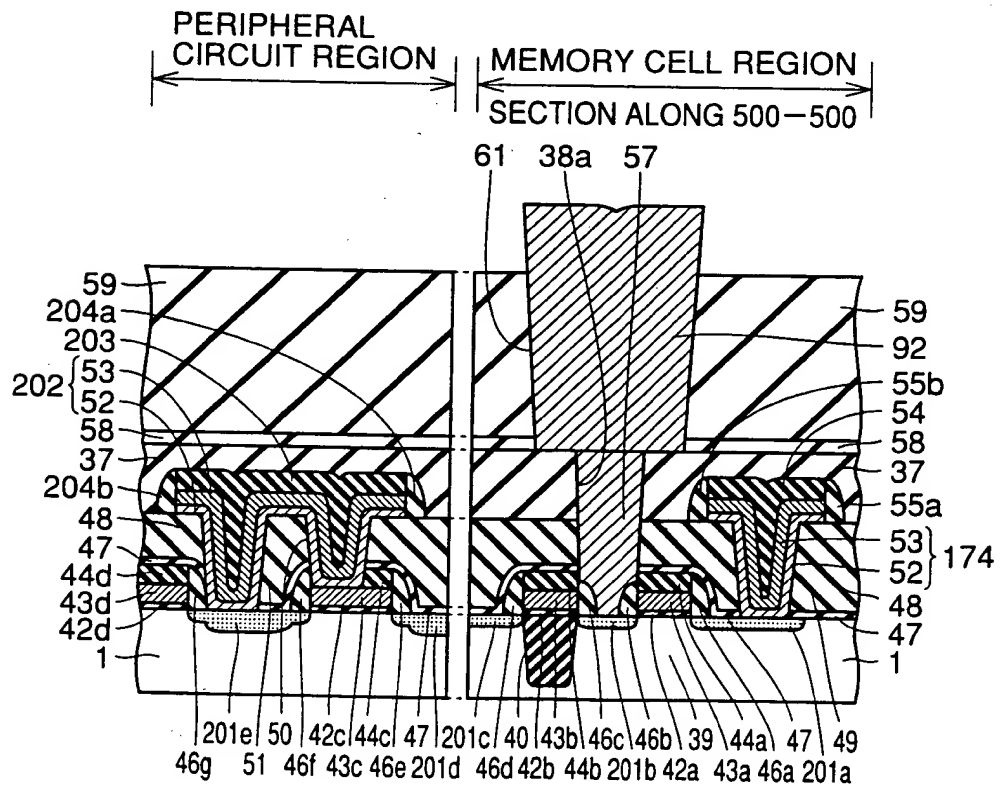


FIG.30

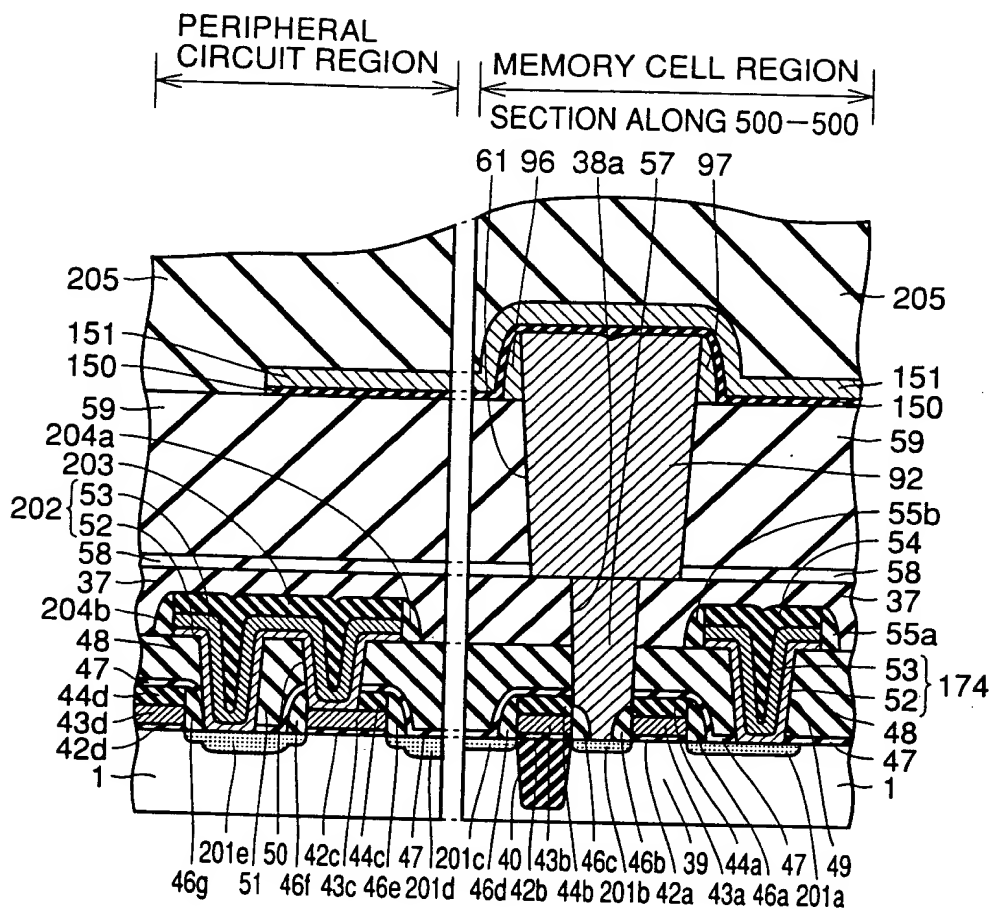


FIG.31

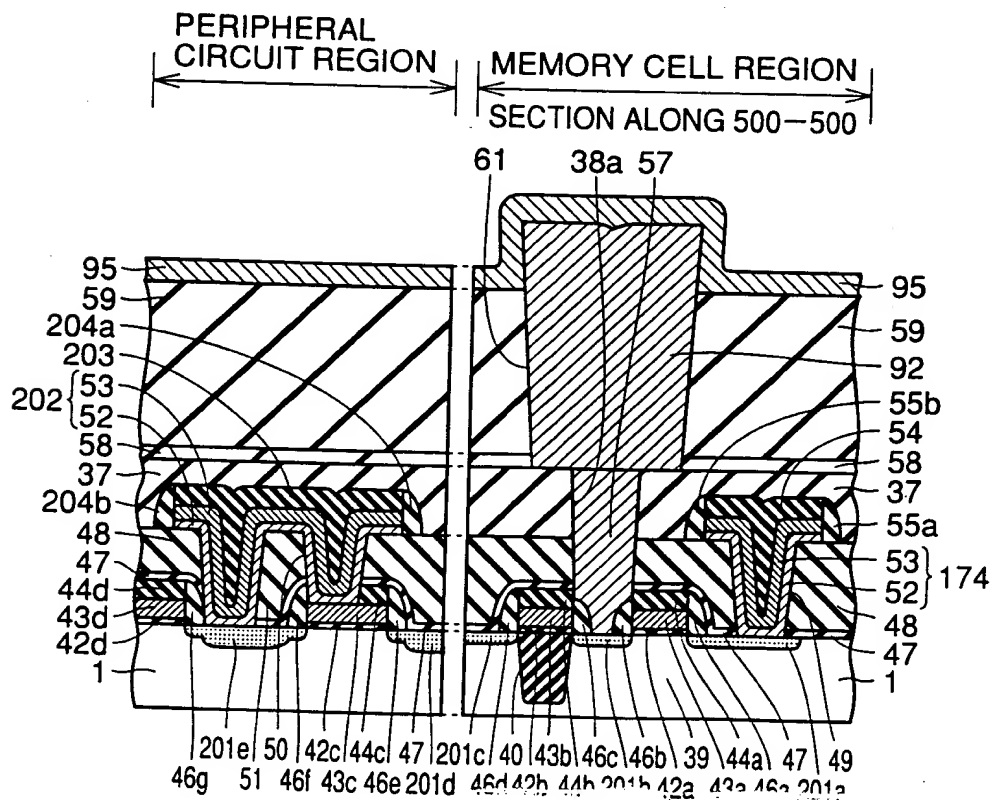


FIG.32

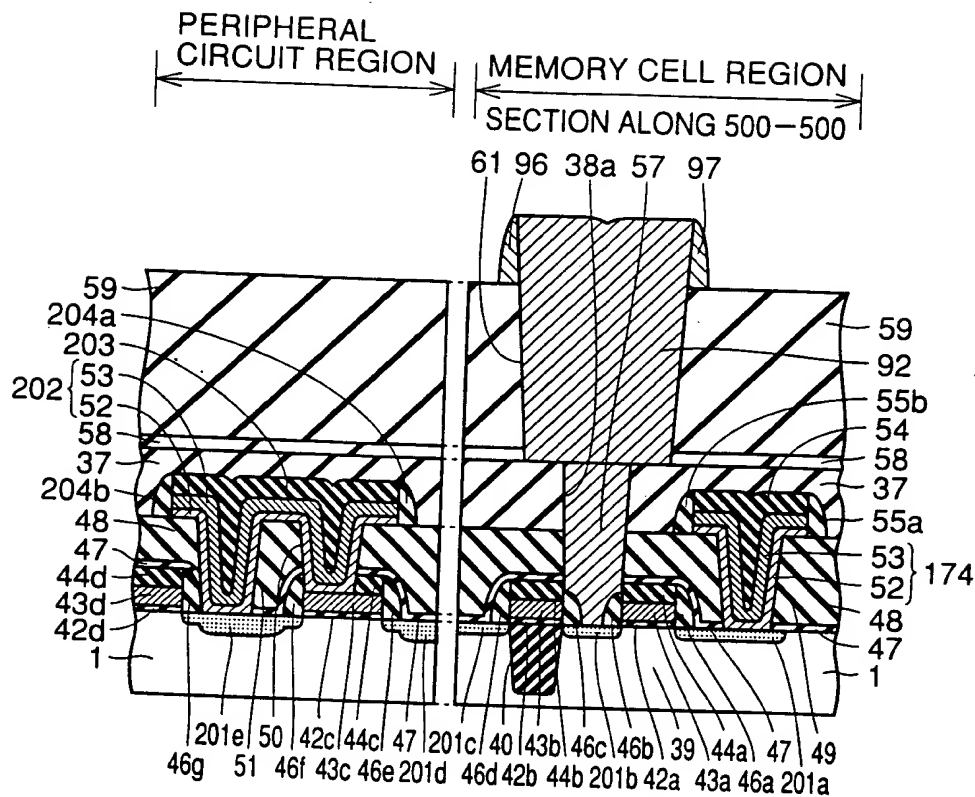


FIG.33

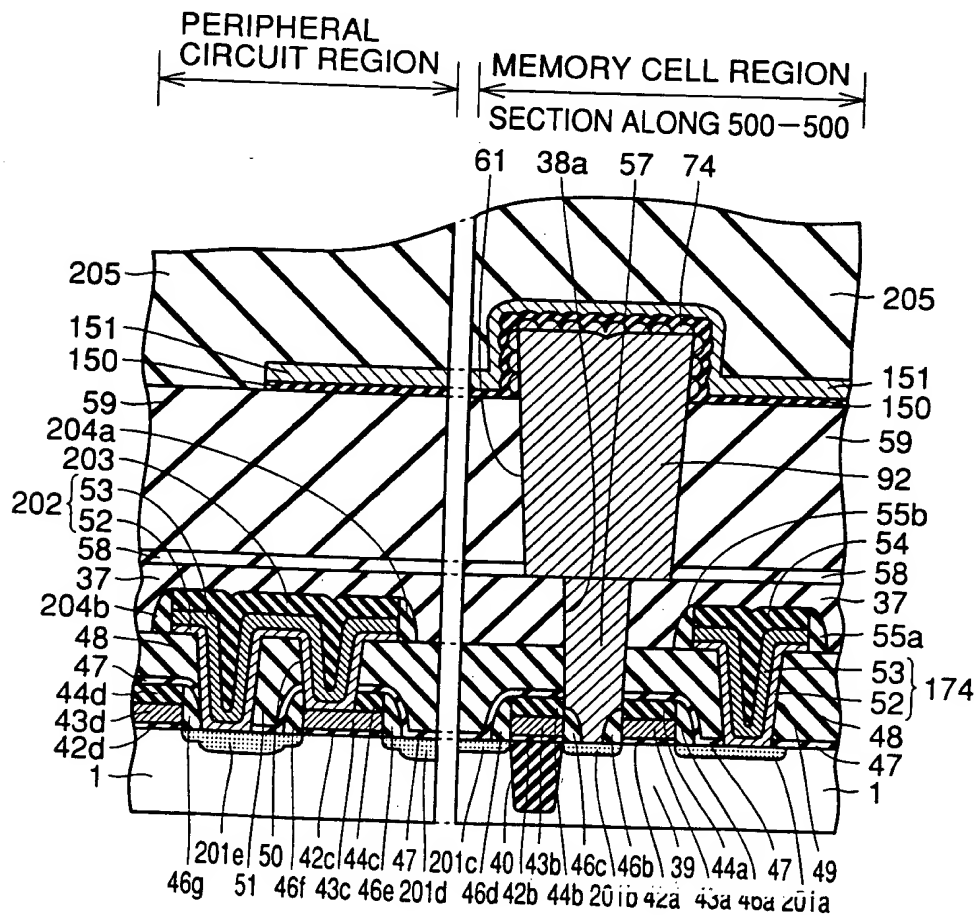


FIG.34

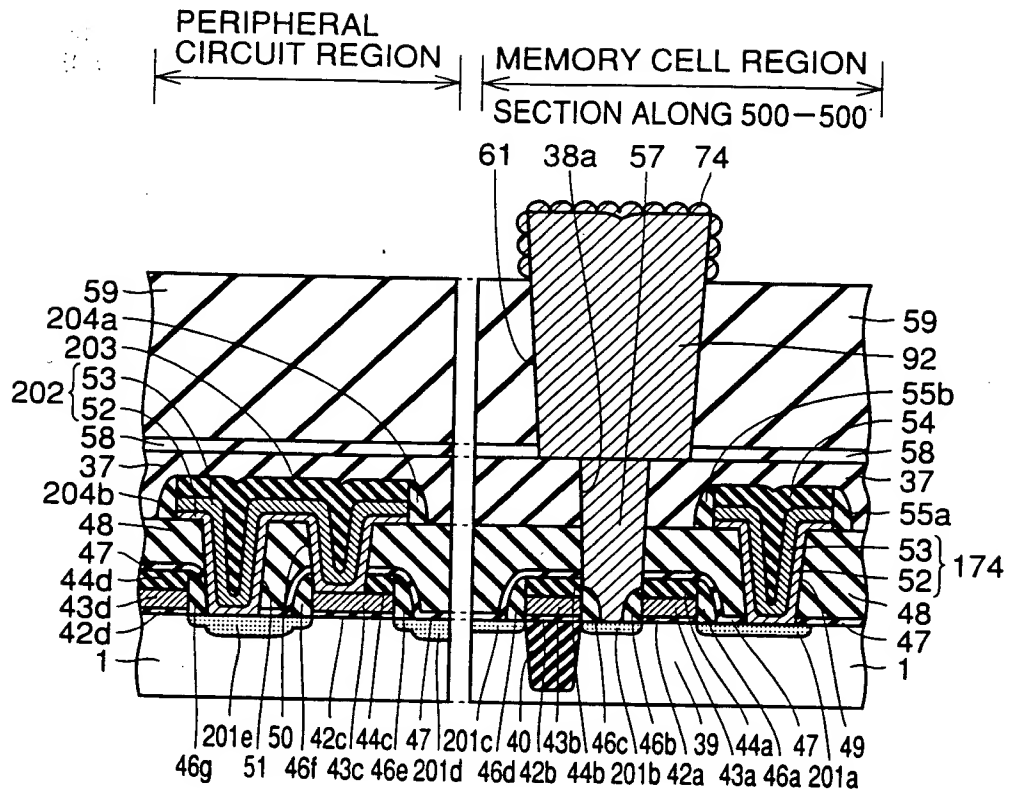


FIG.35

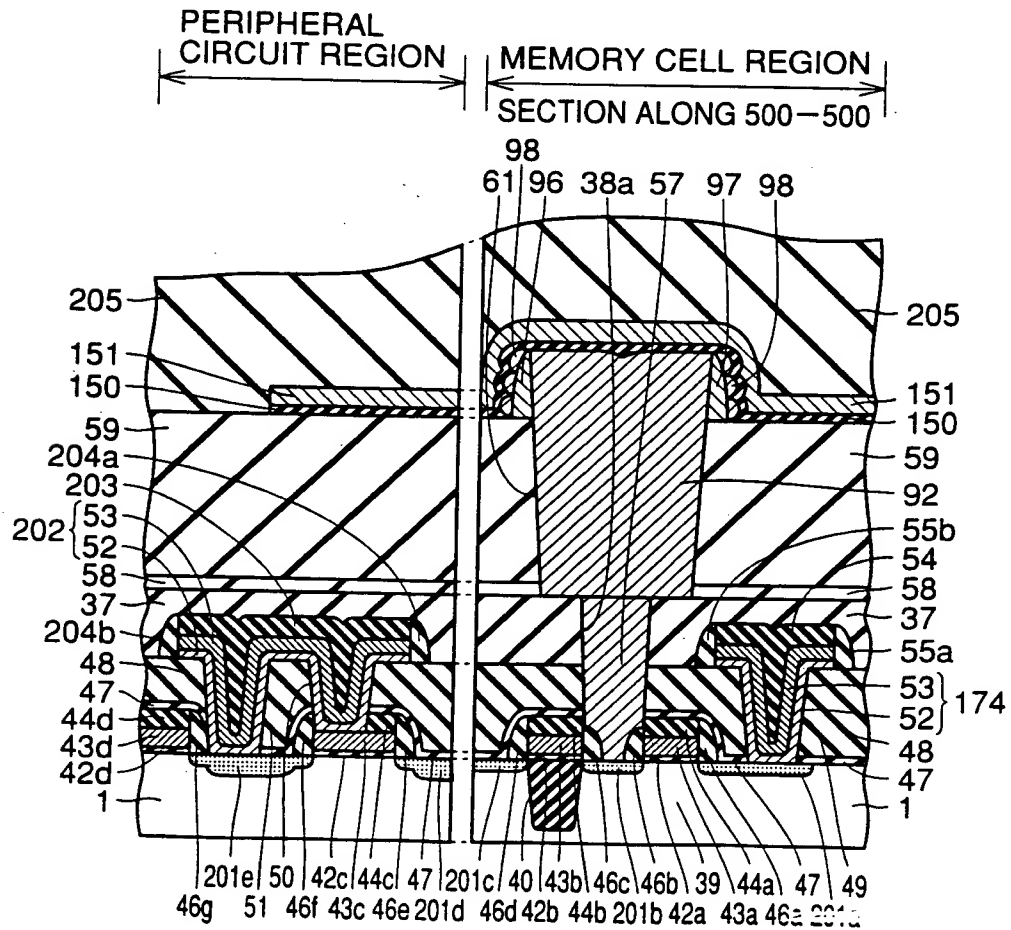


FIG.36

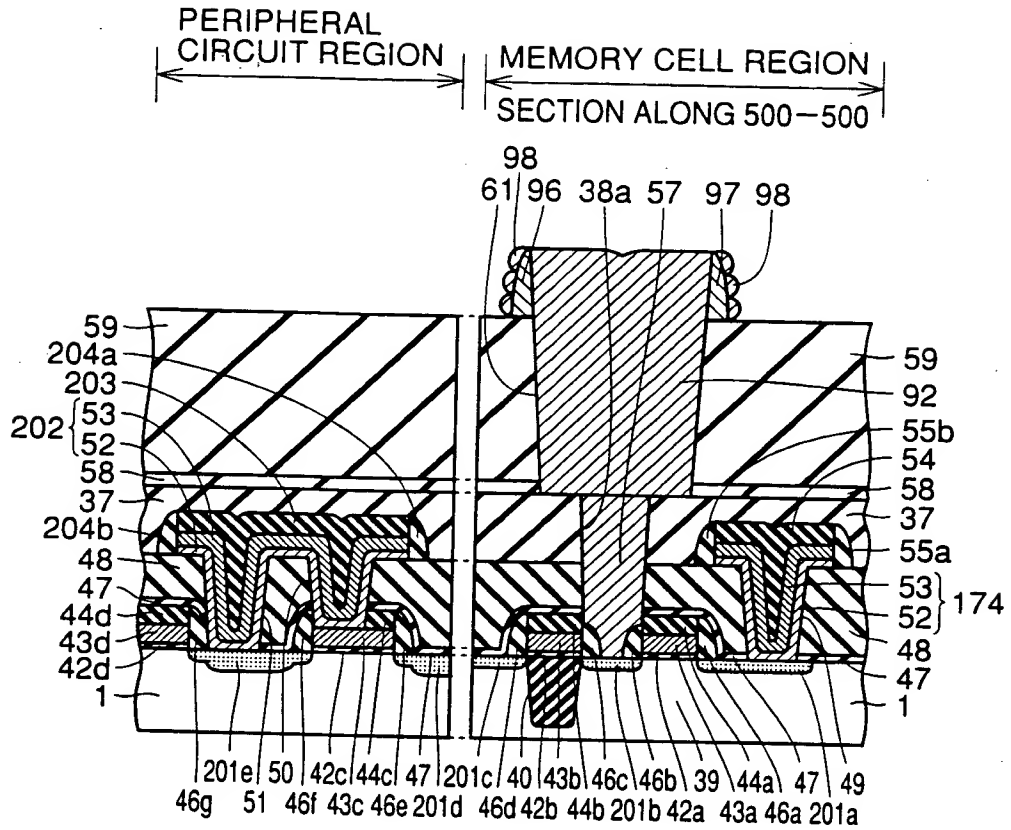


FIG.37

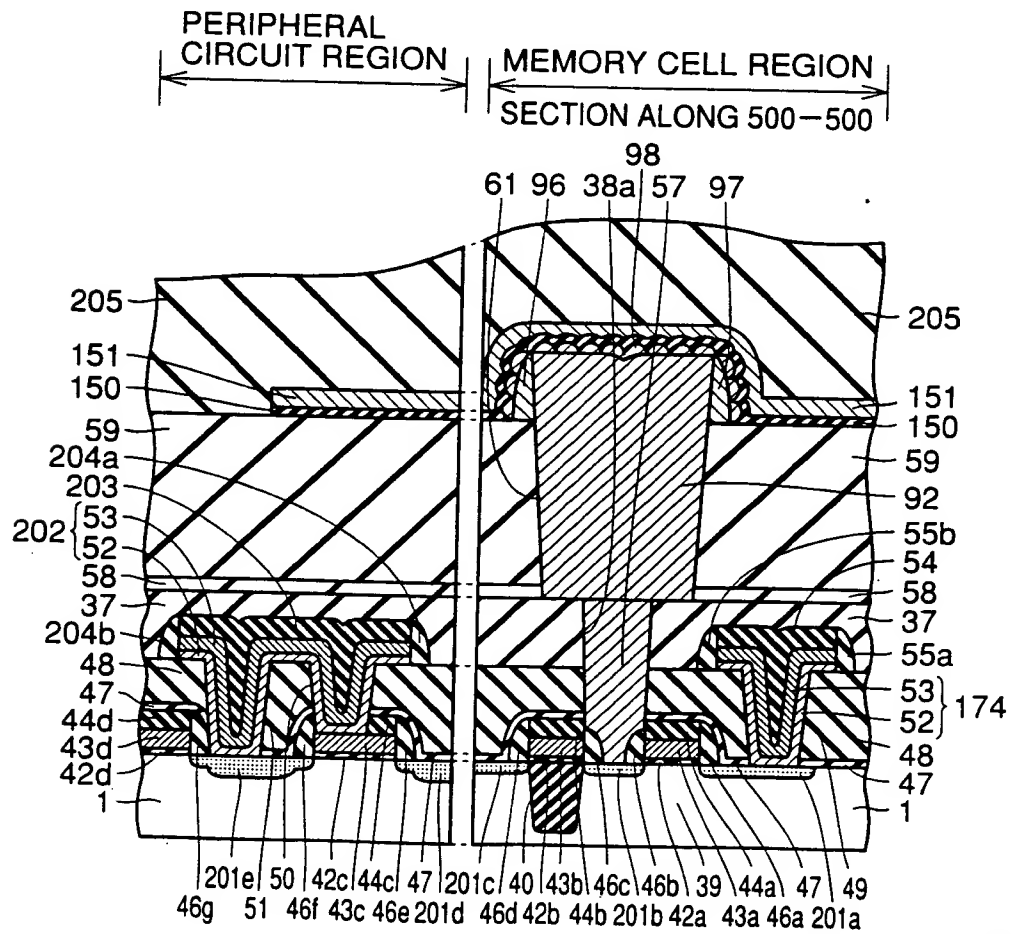


FIG.38

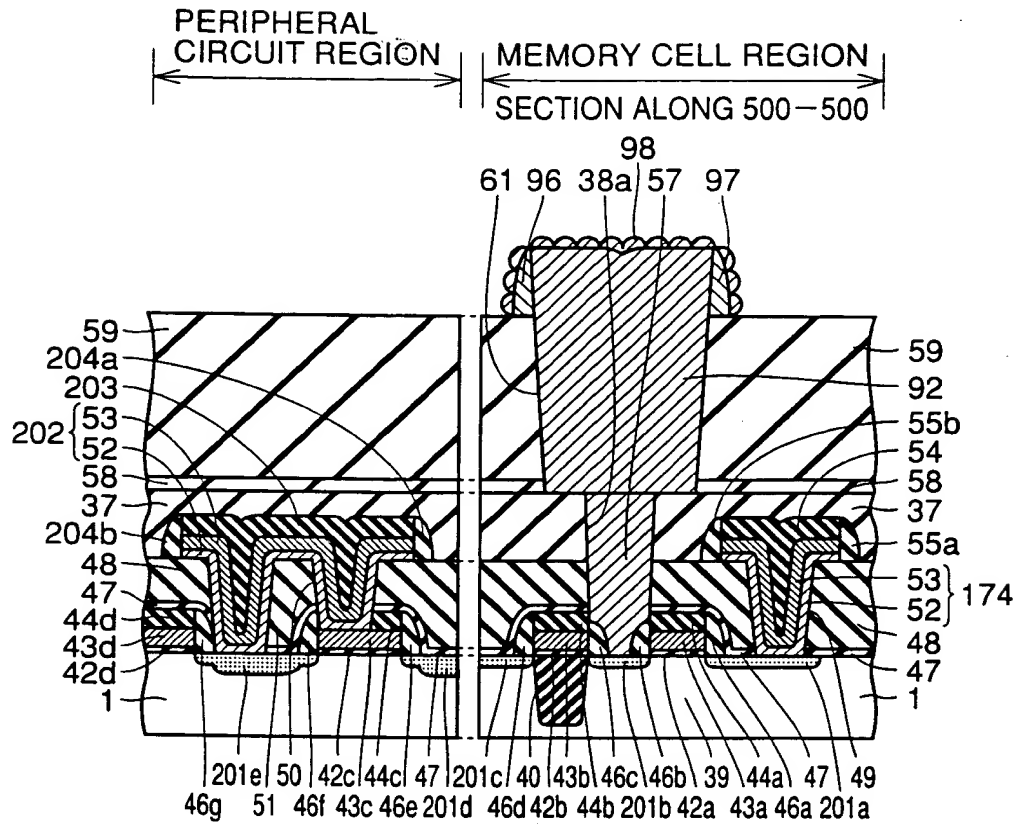


FIG.39

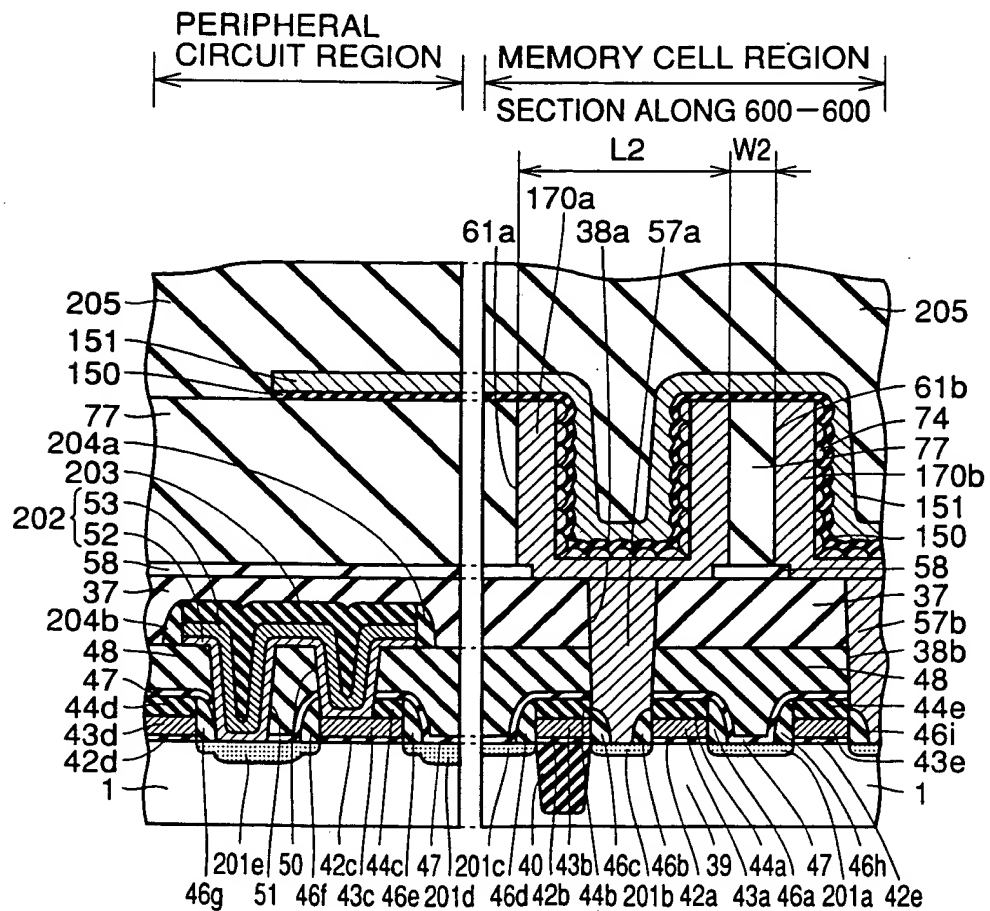


FIG.40

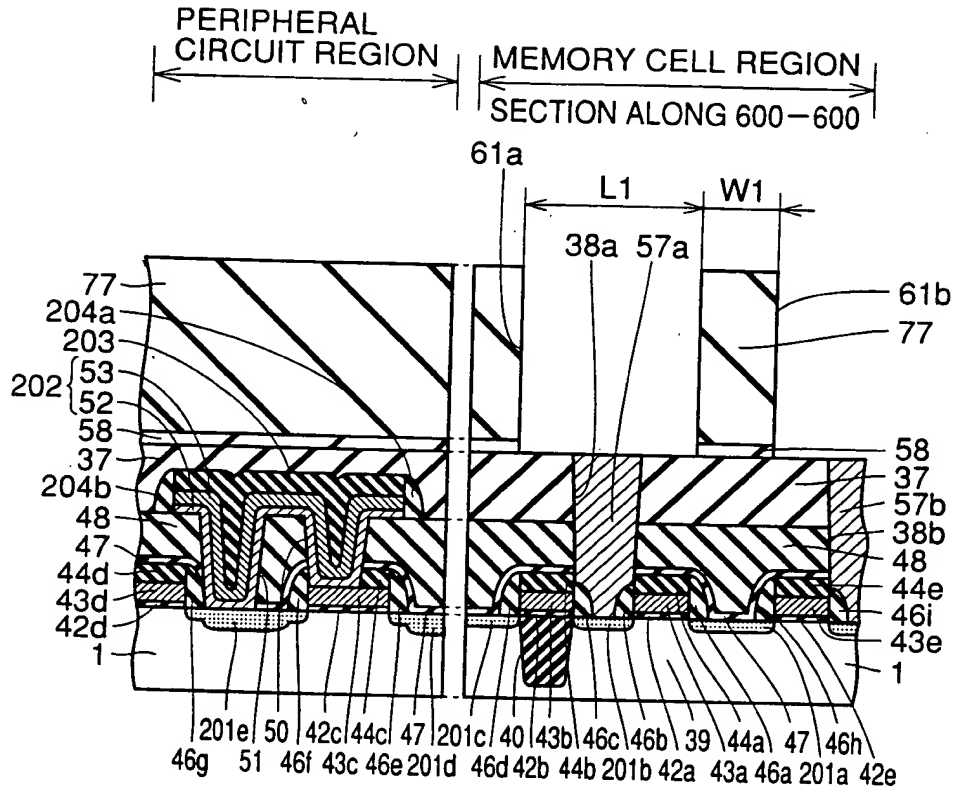


FIG.41

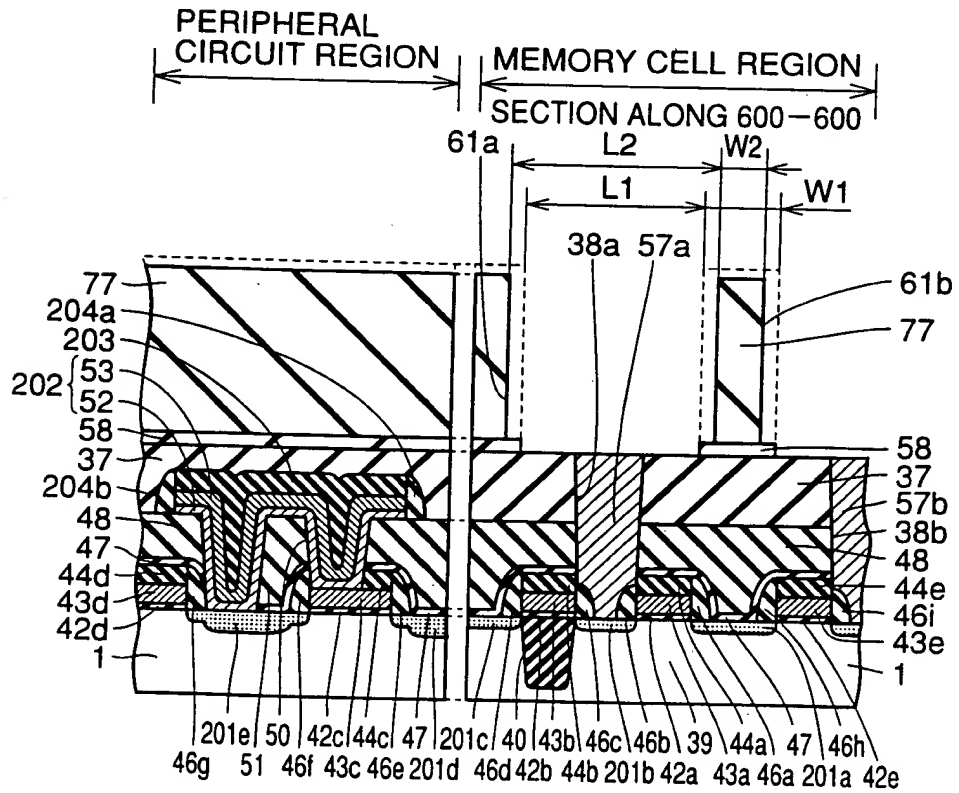


FIG.42

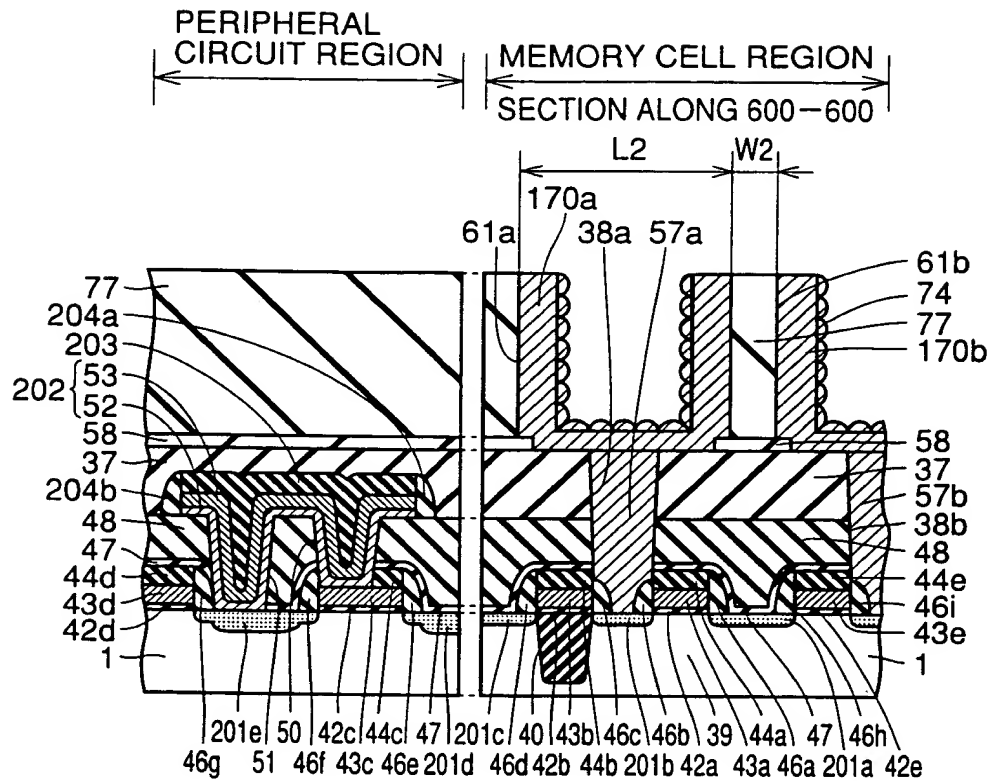


FIG.43

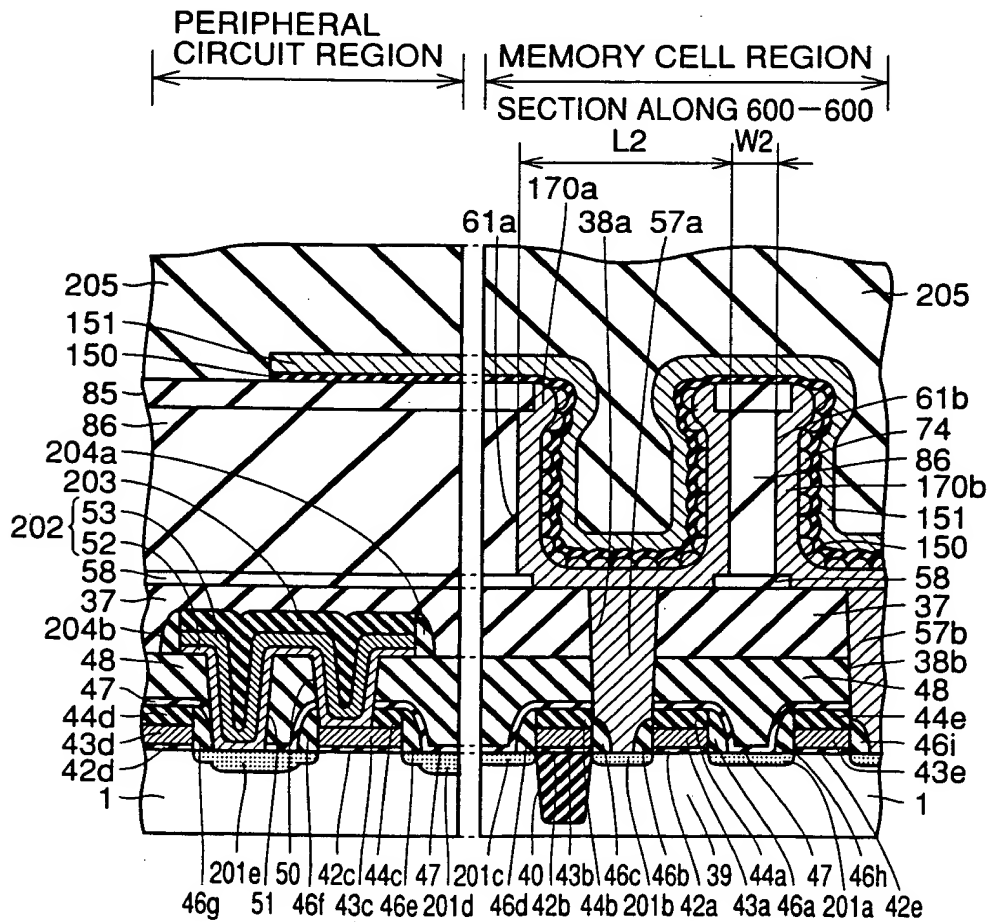


FIG.44

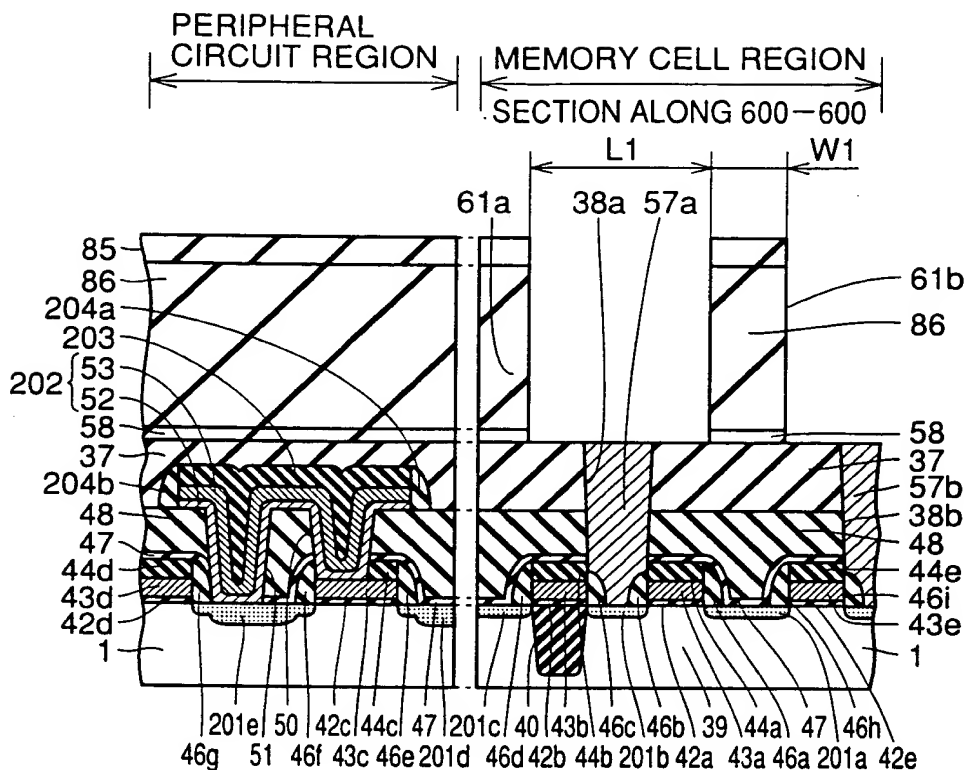


FIG.45

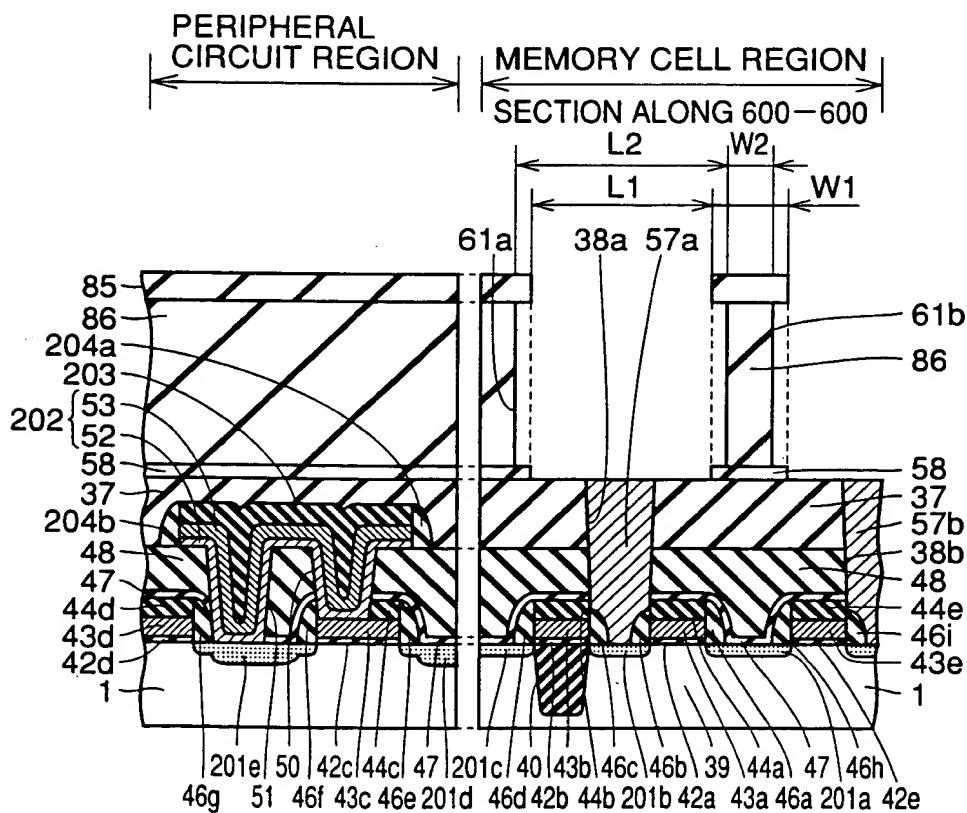


FIG.46

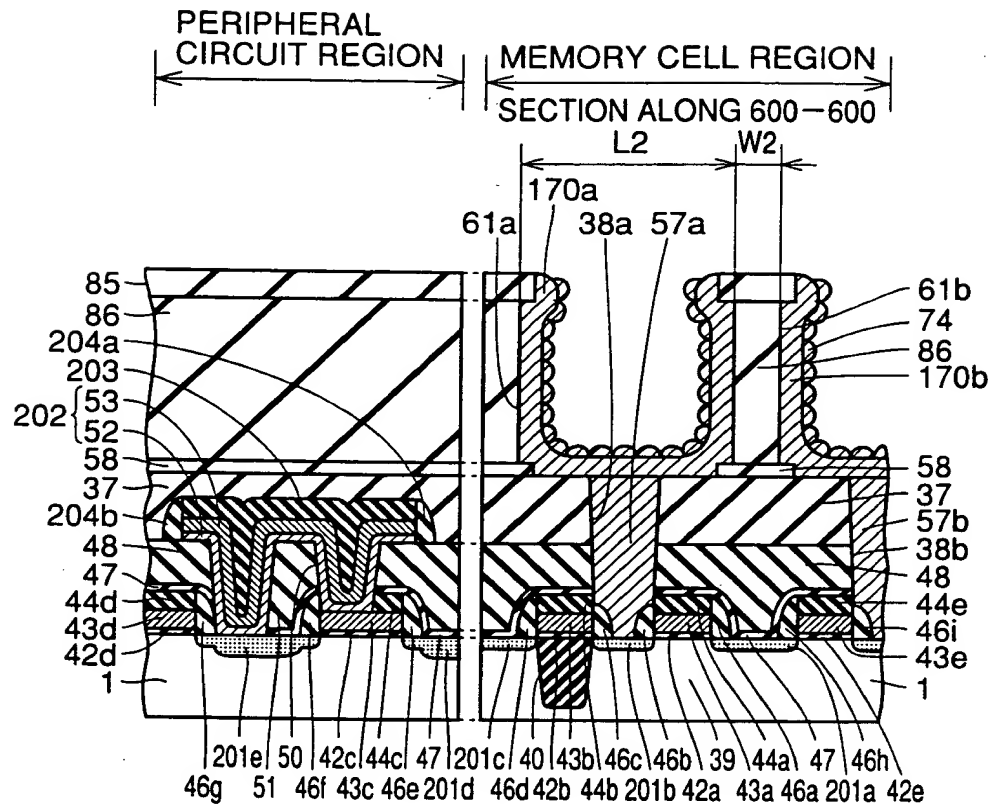


FIG.47

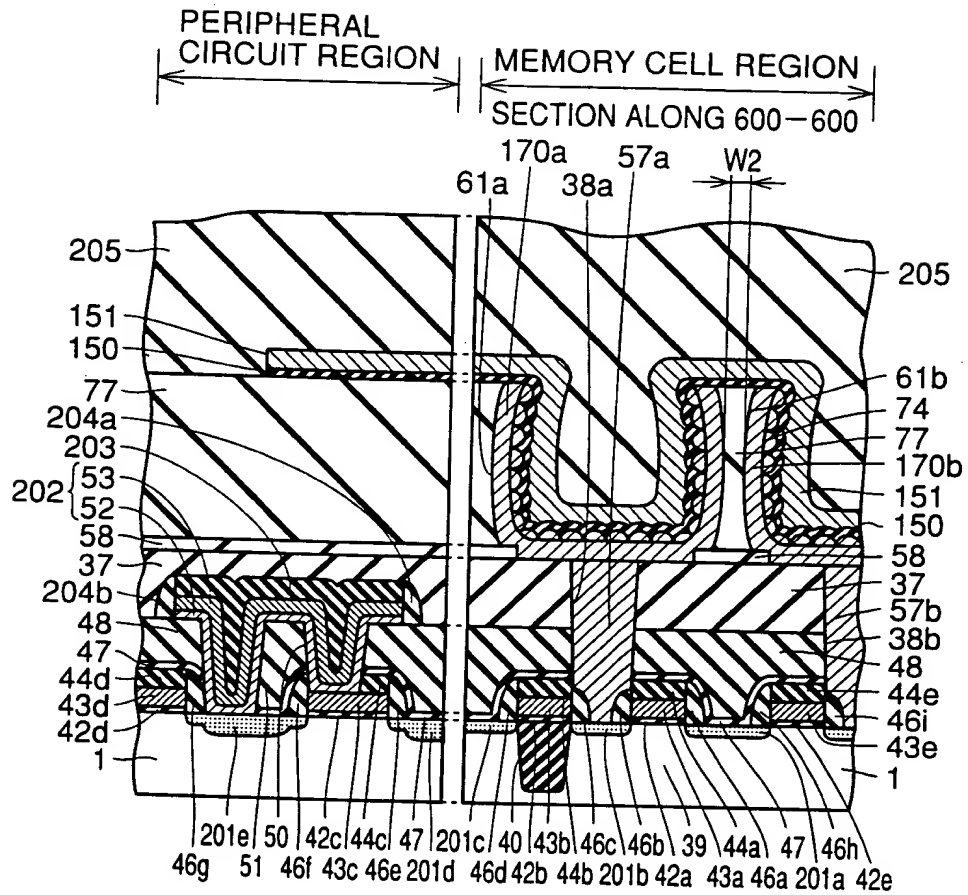


FIG.48

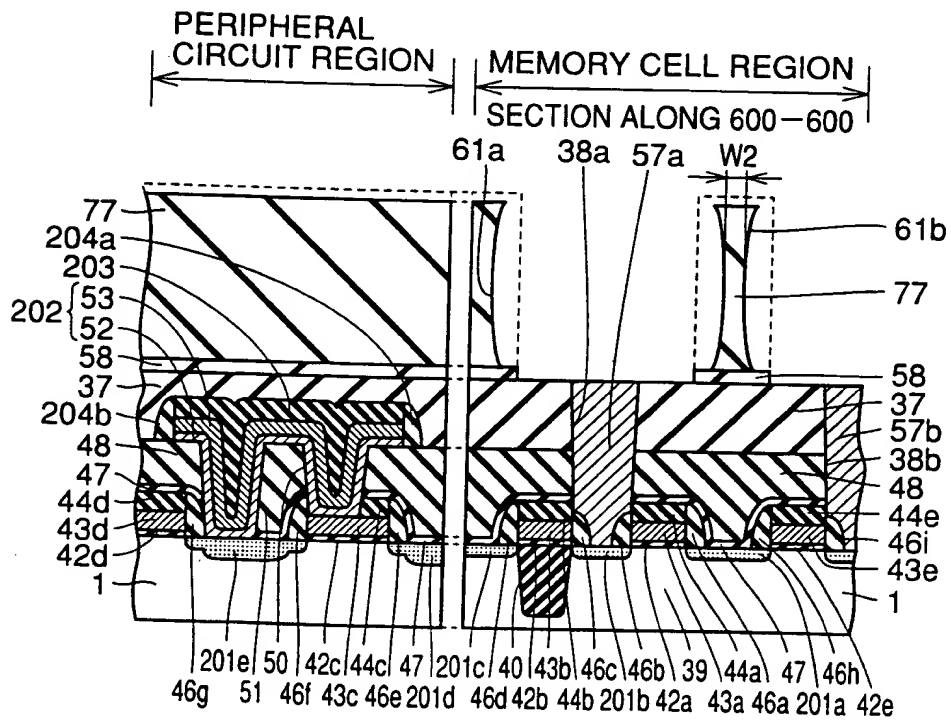


FIG.49

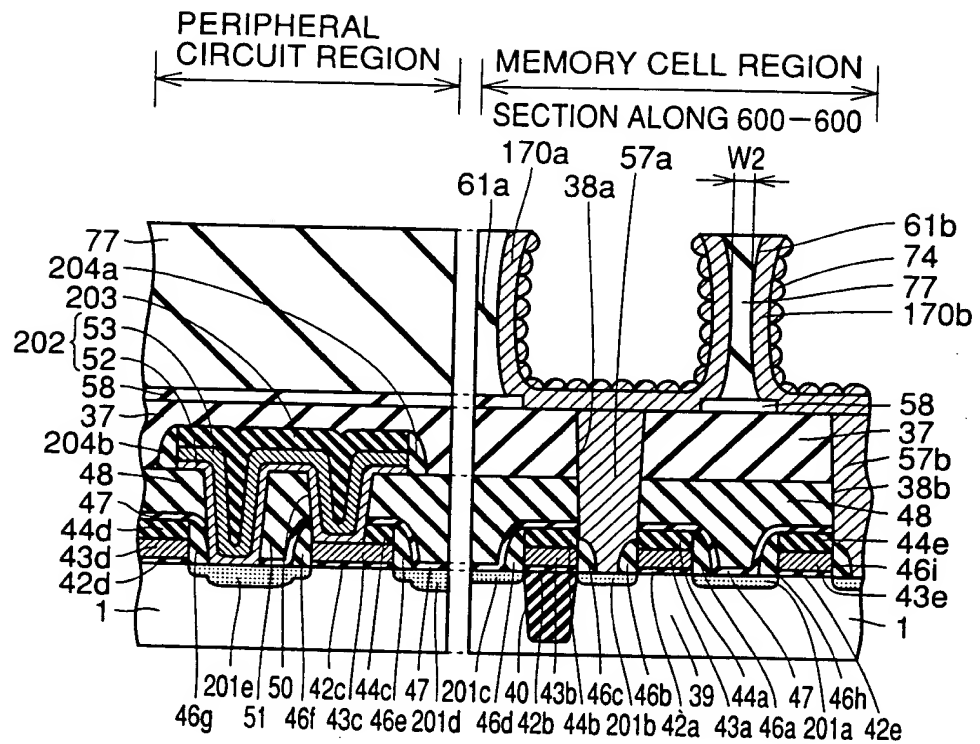


FIG.50

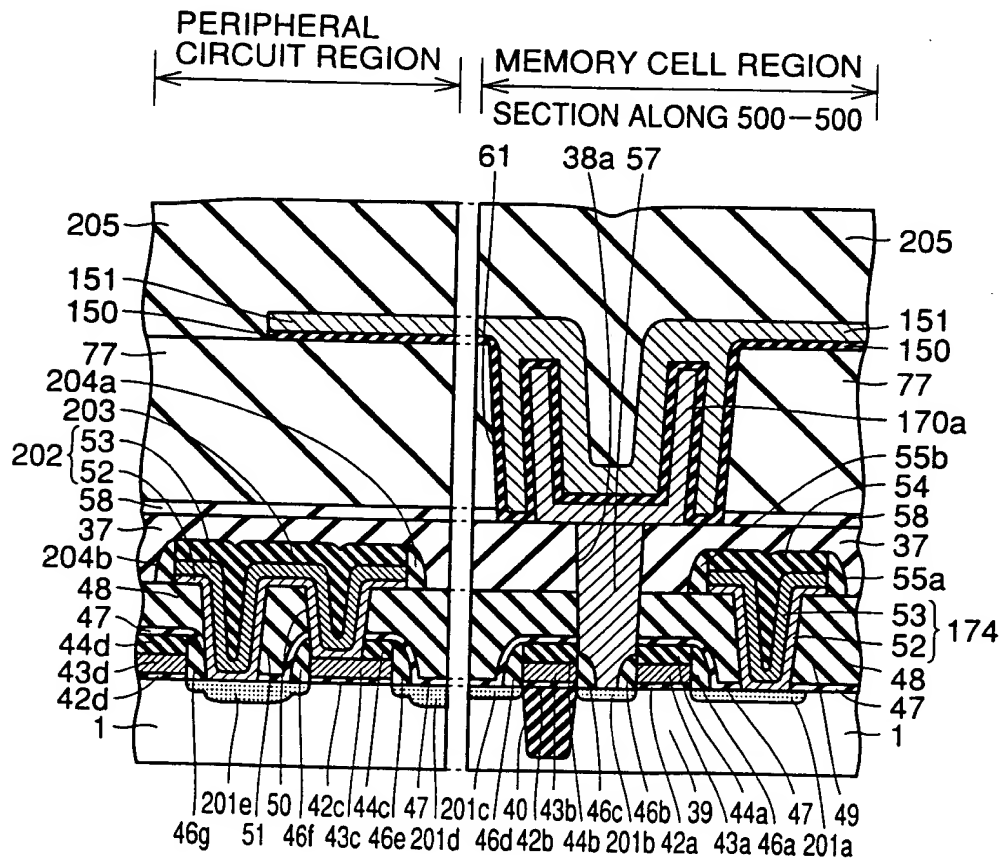


FIG.51

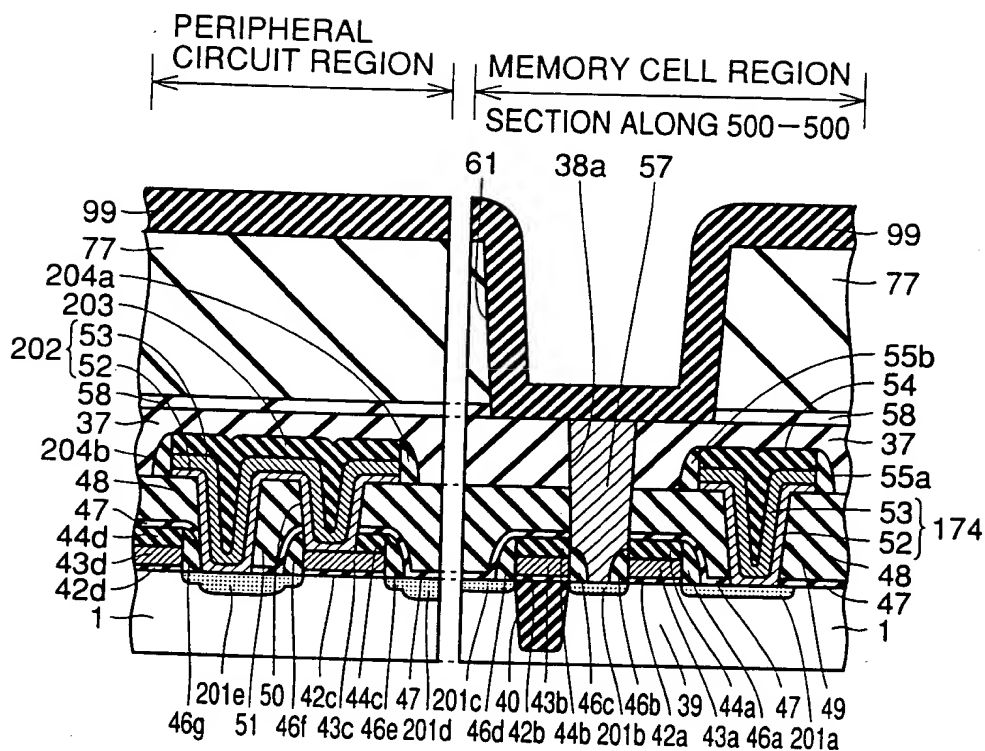


FIG.52

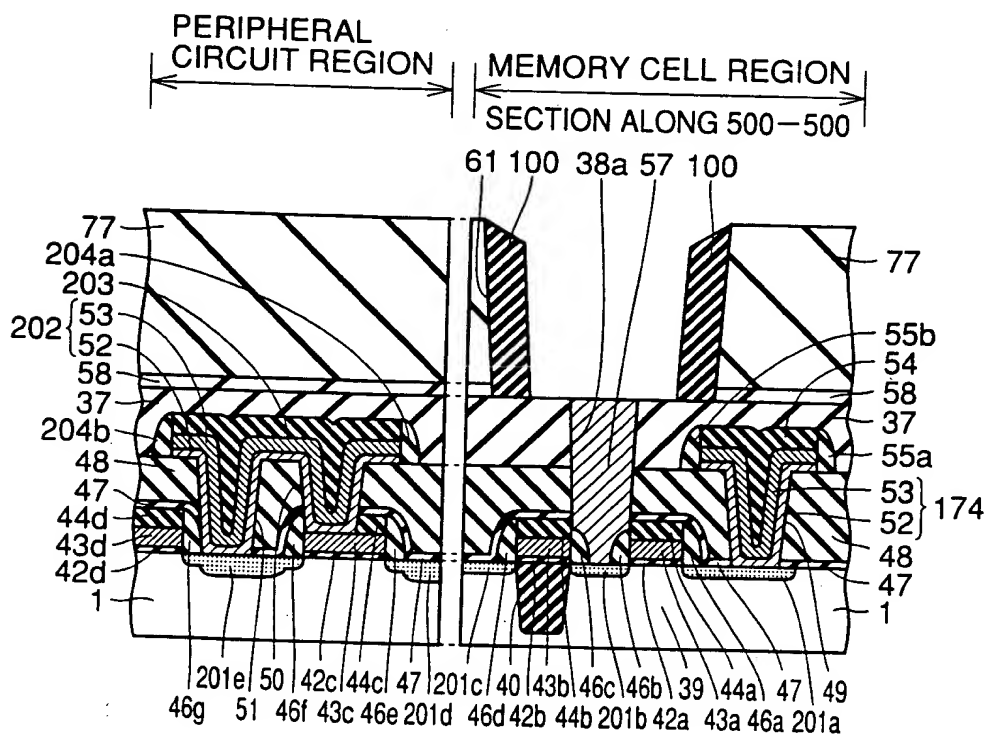


FIG.53

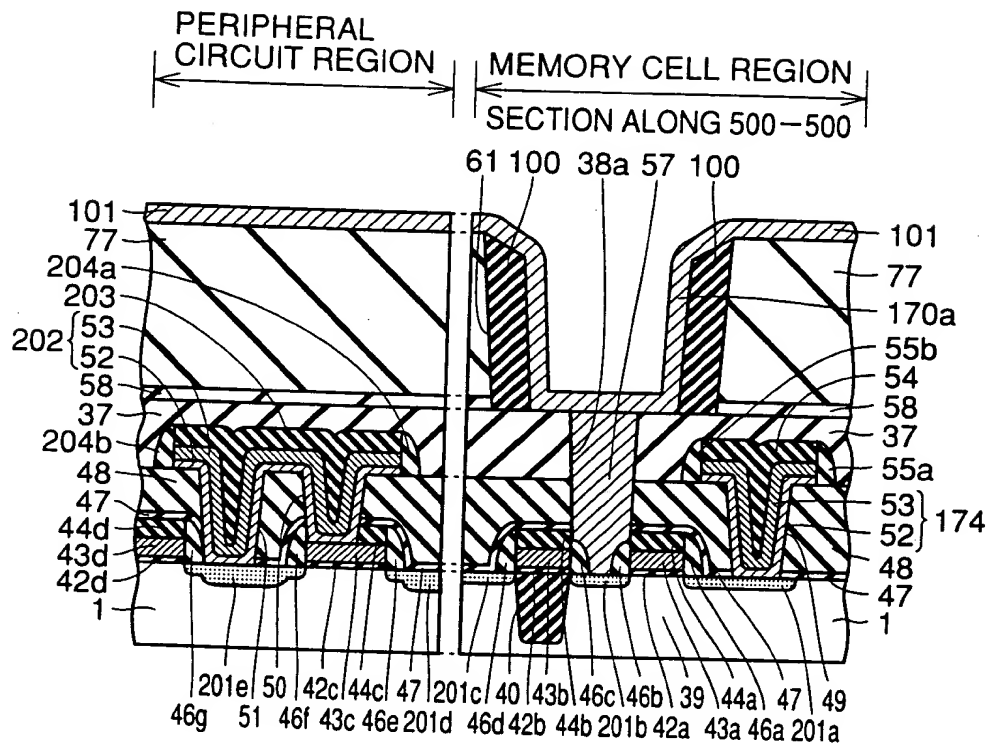


FIG.54

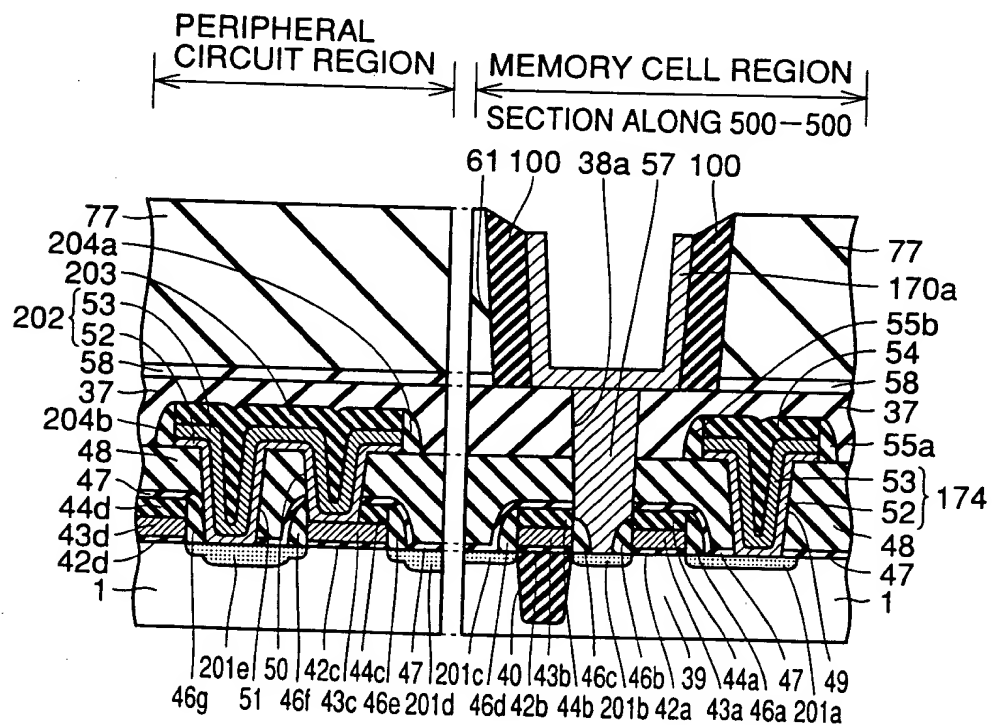


FIG.55

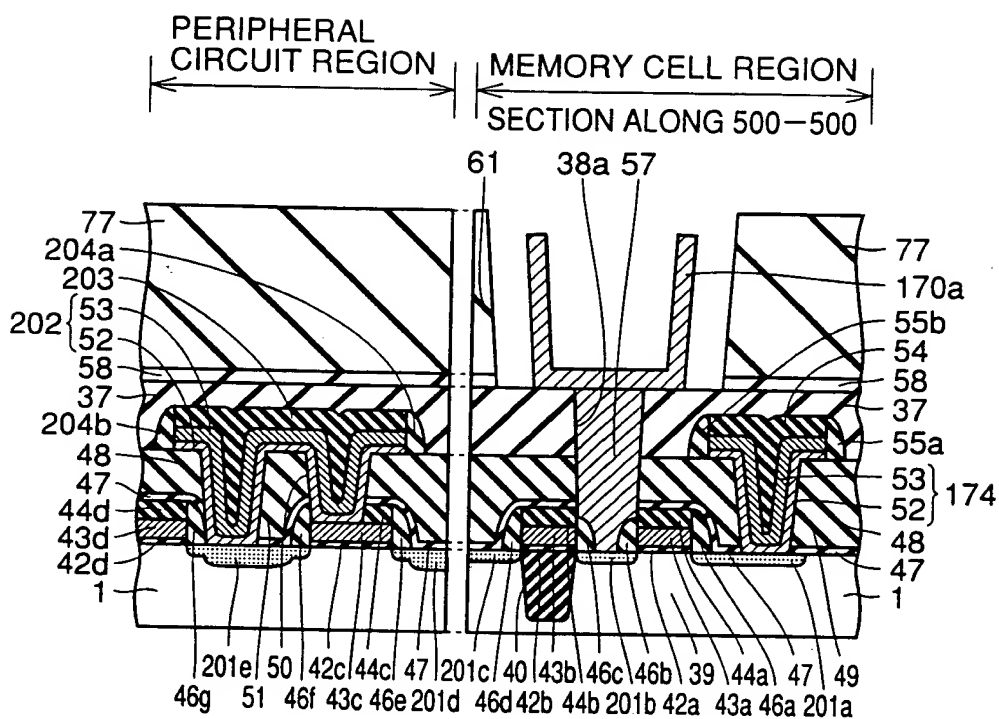


FIG.56

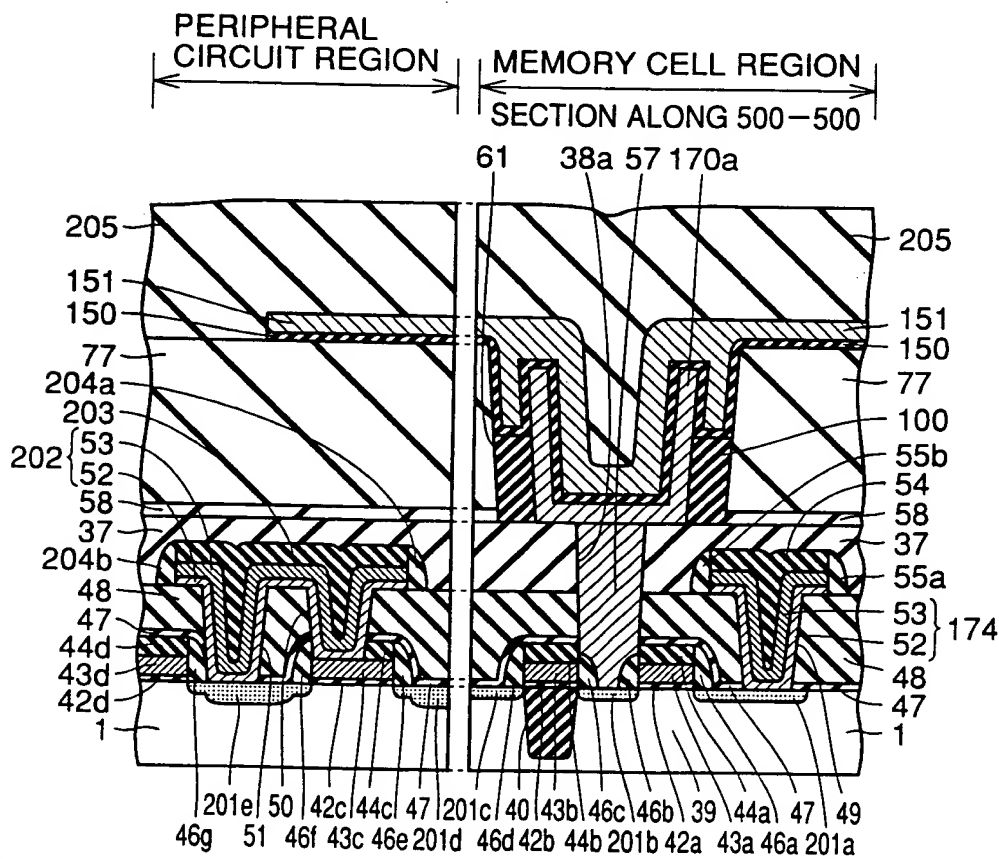


FIG.57

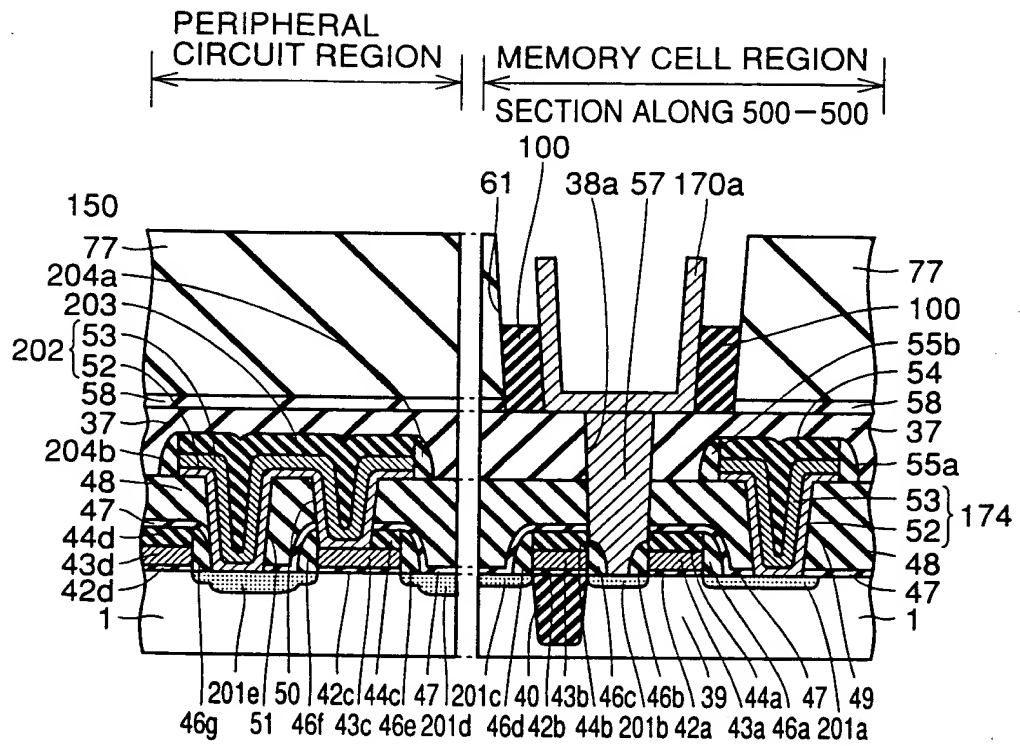


FIG.58

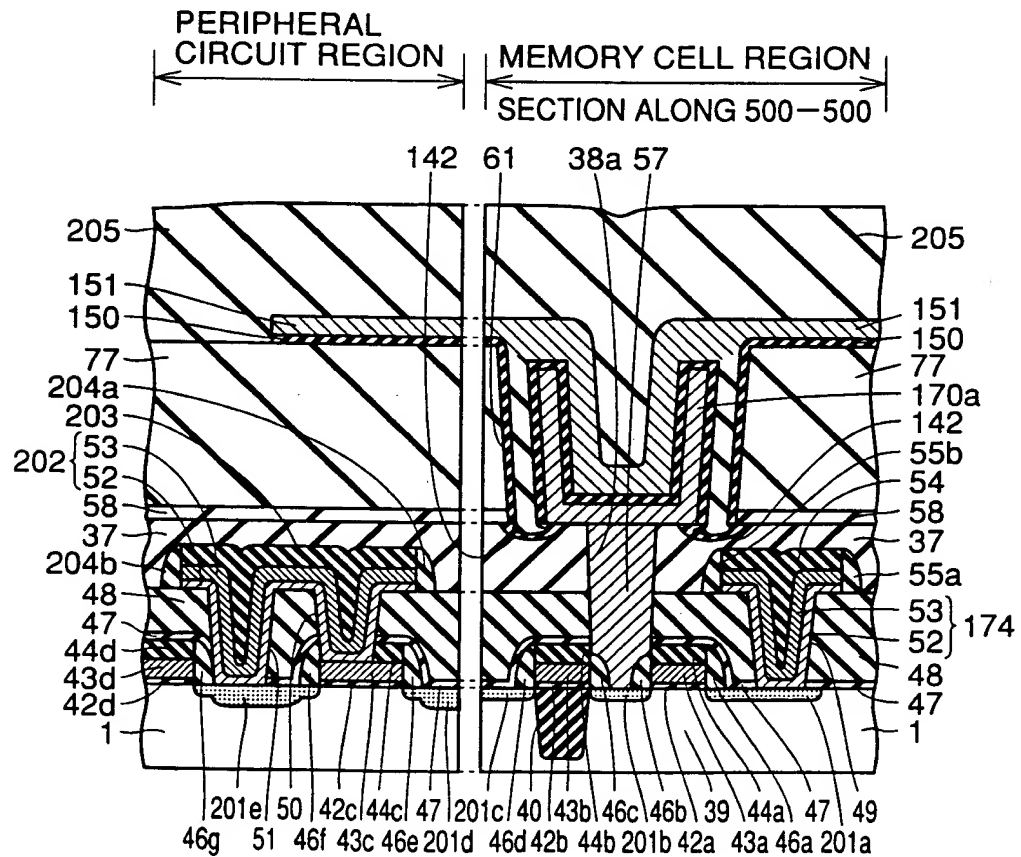


FIG.59

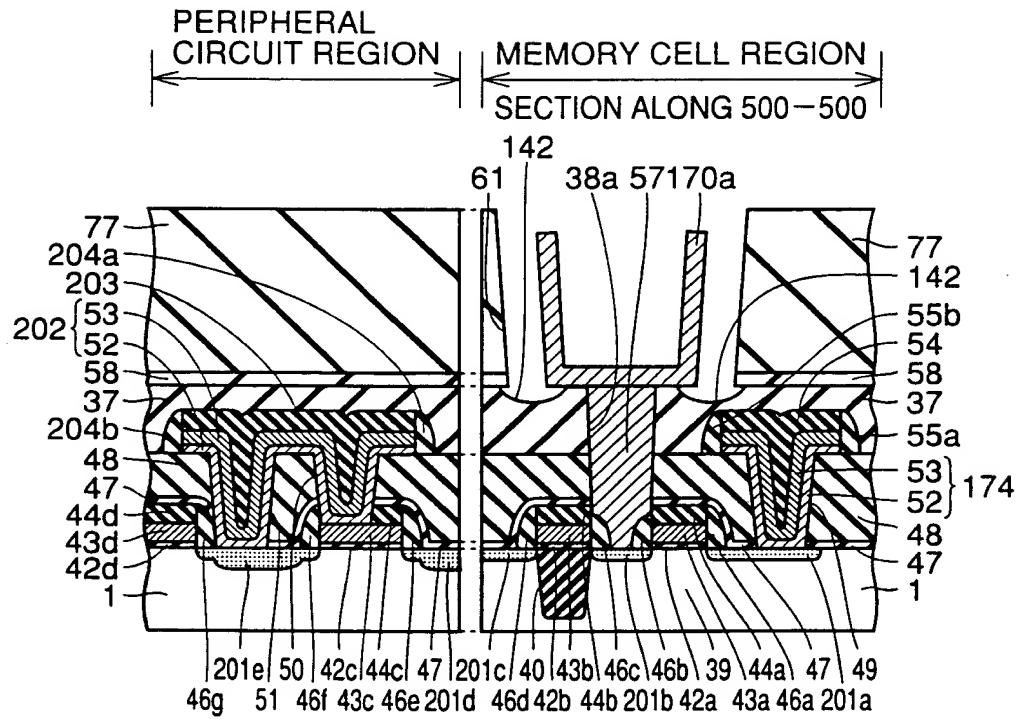


FIG.60

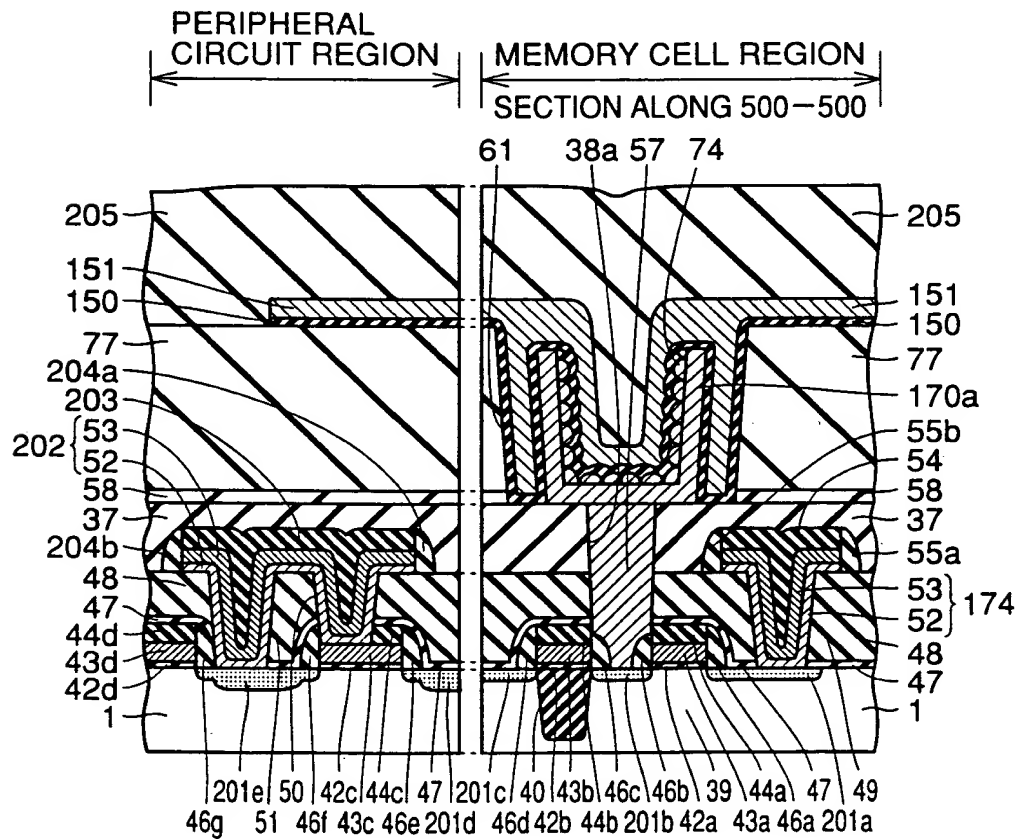


FIG.61

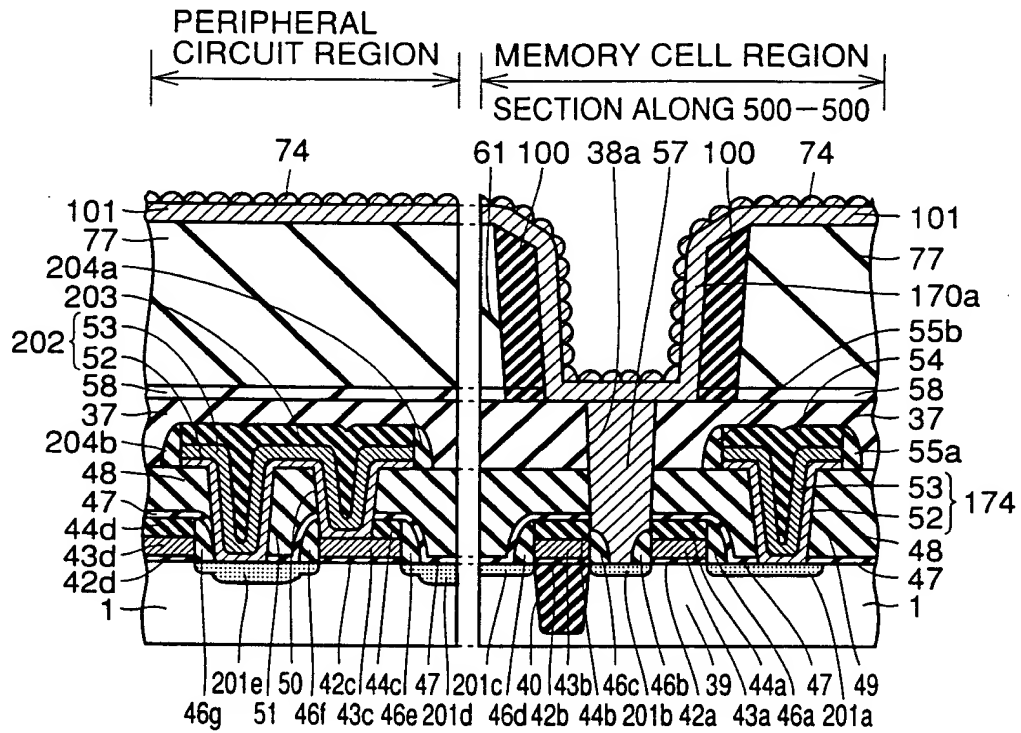


FIG.62

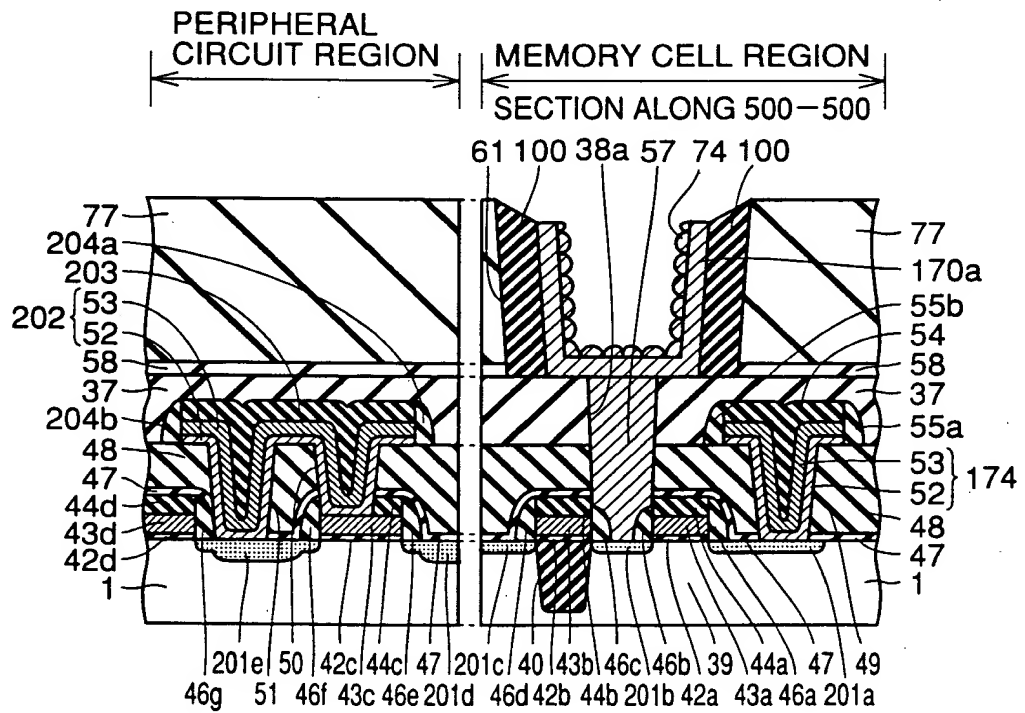


FIG.63

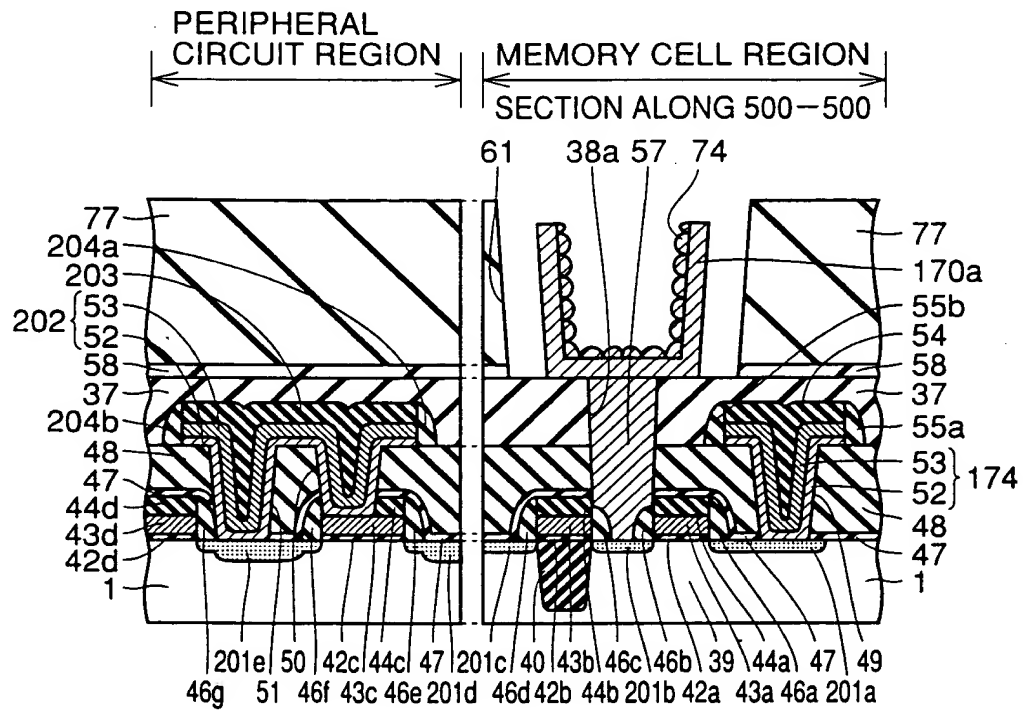


FIG.64

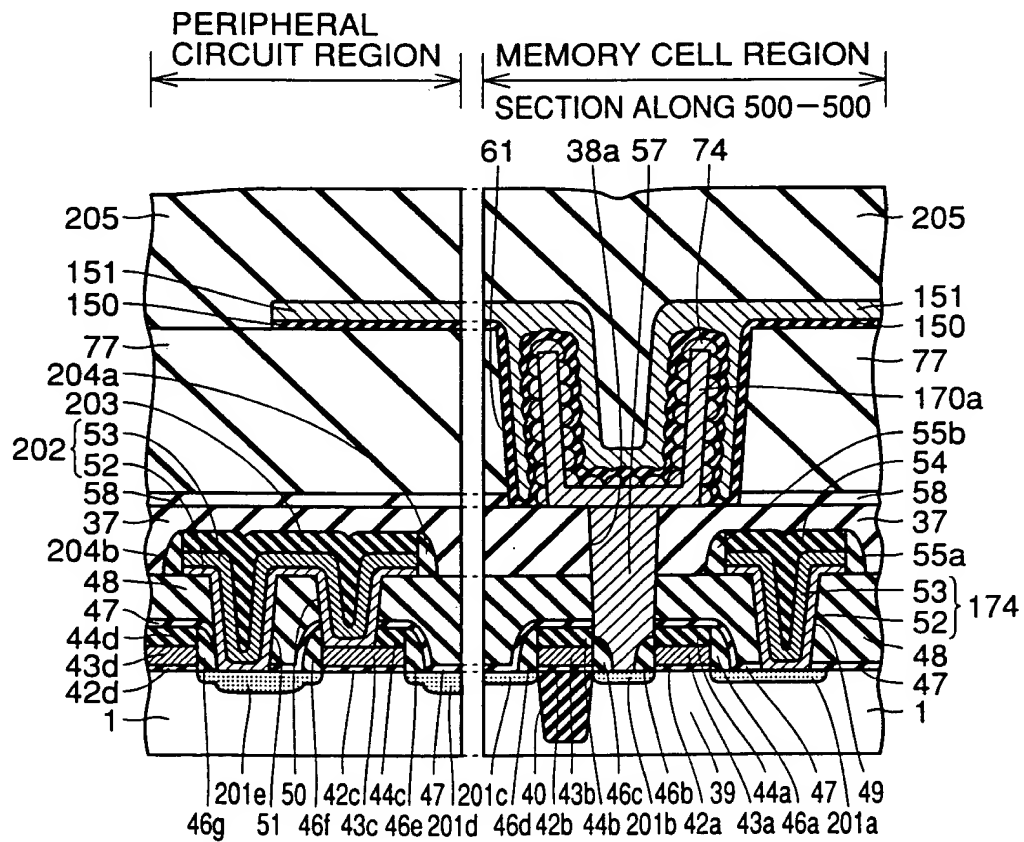


FIG.65

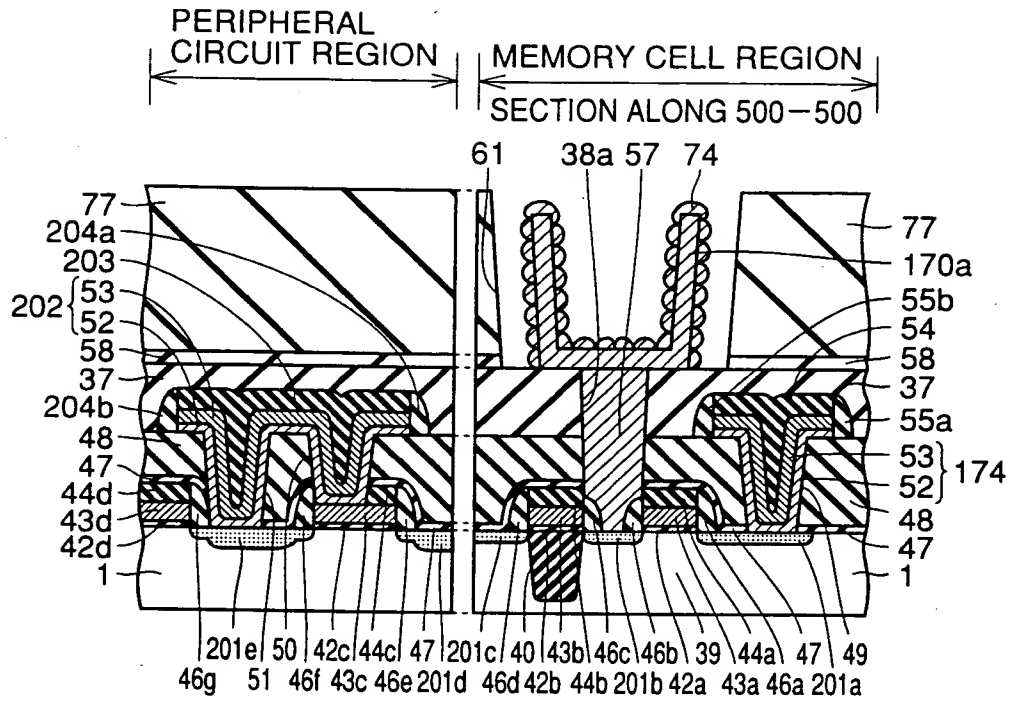


FIG.66

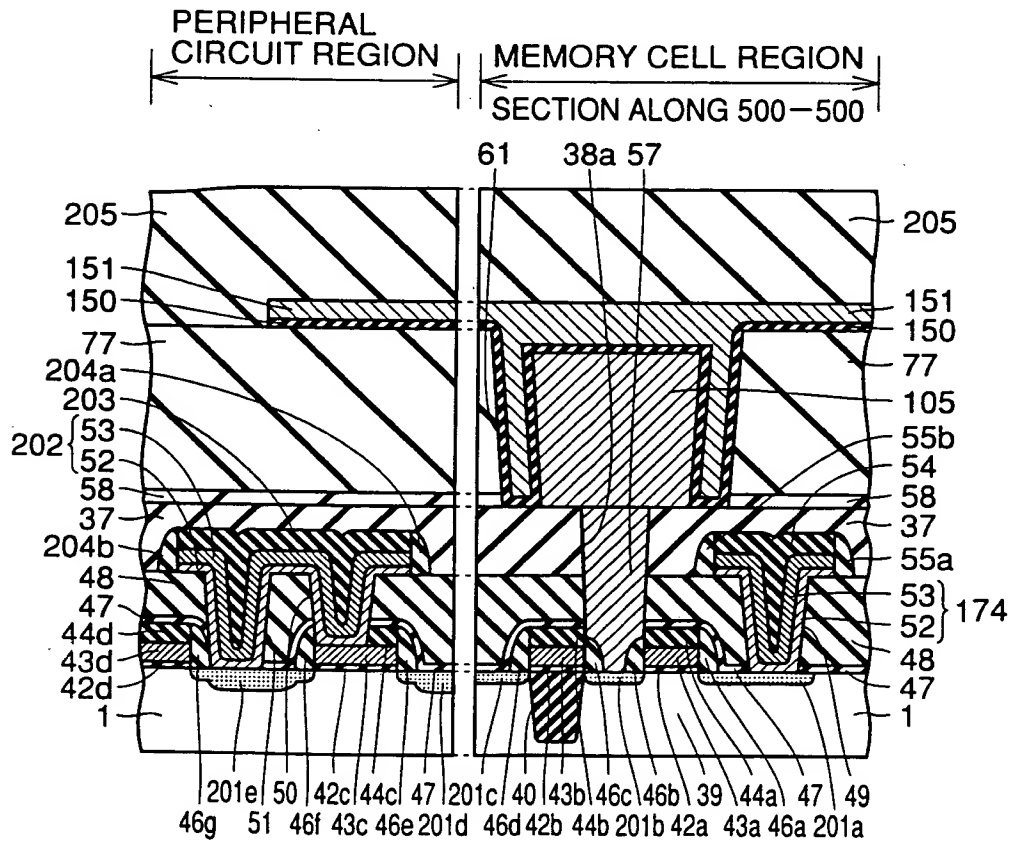


FIG.67

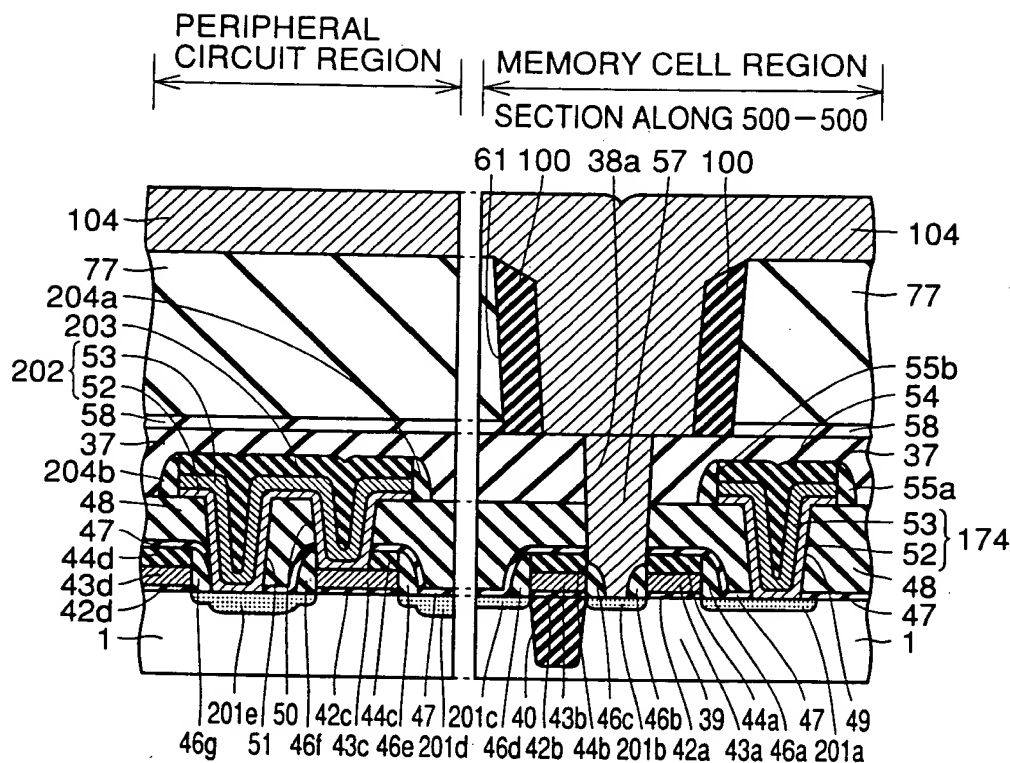


FIG.68

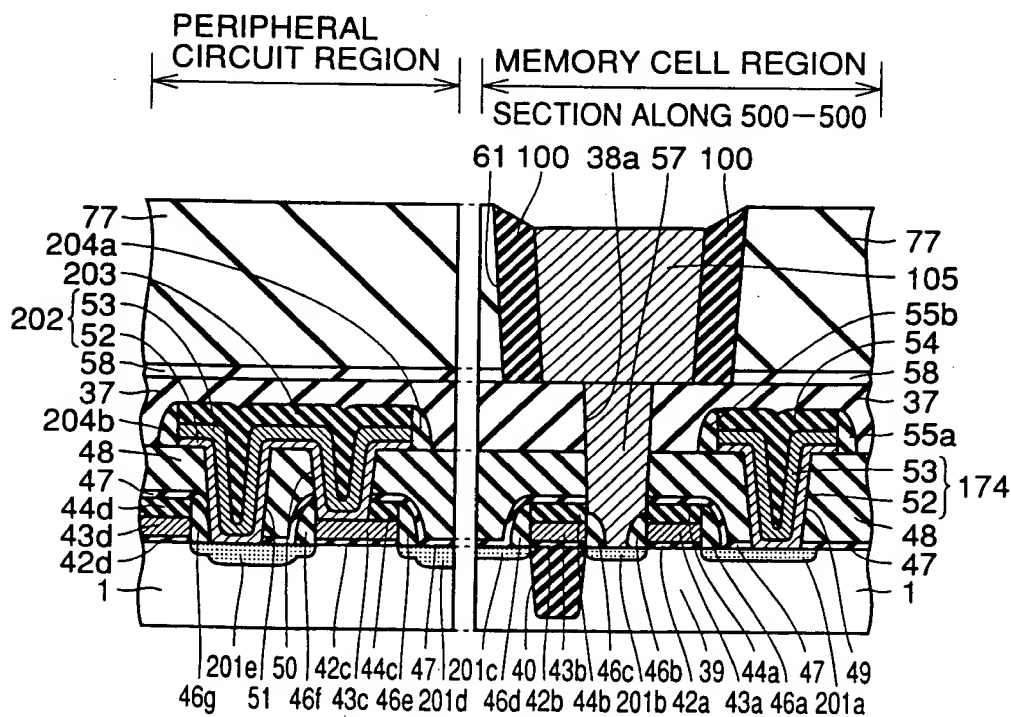


FIG.69

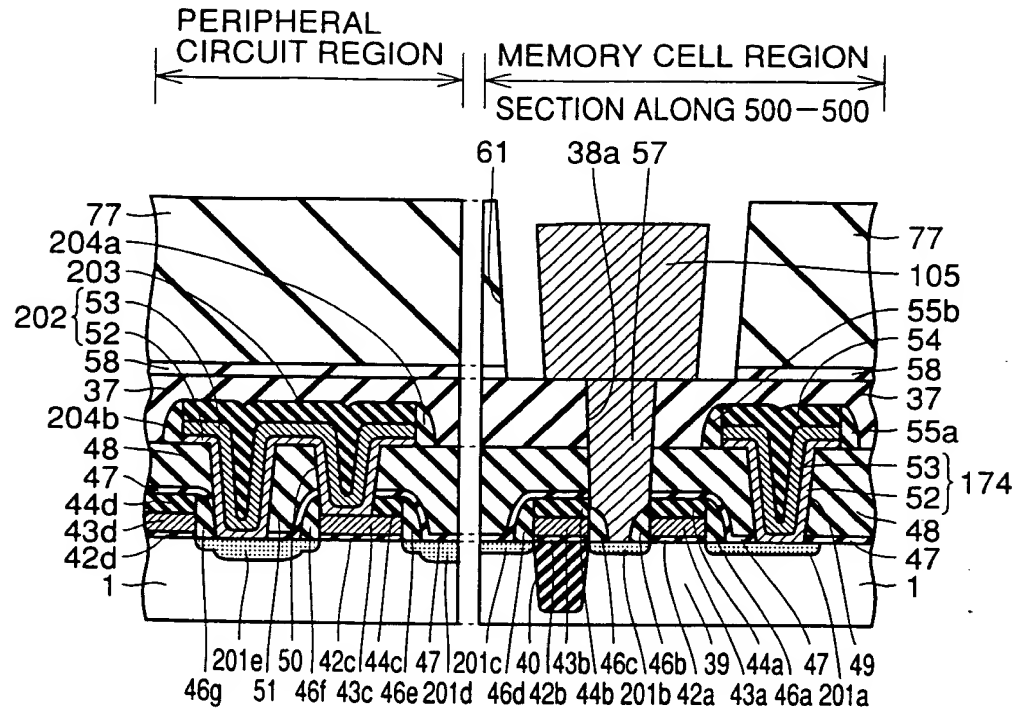


FIG.70

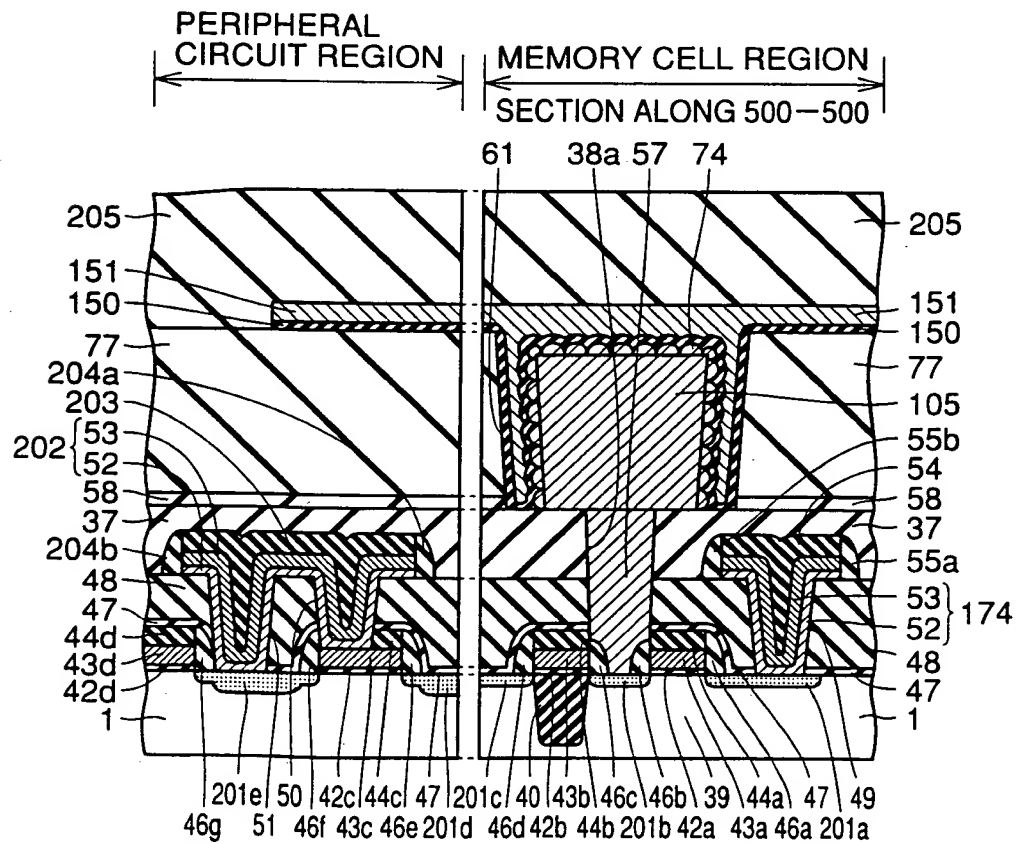


FIG.71

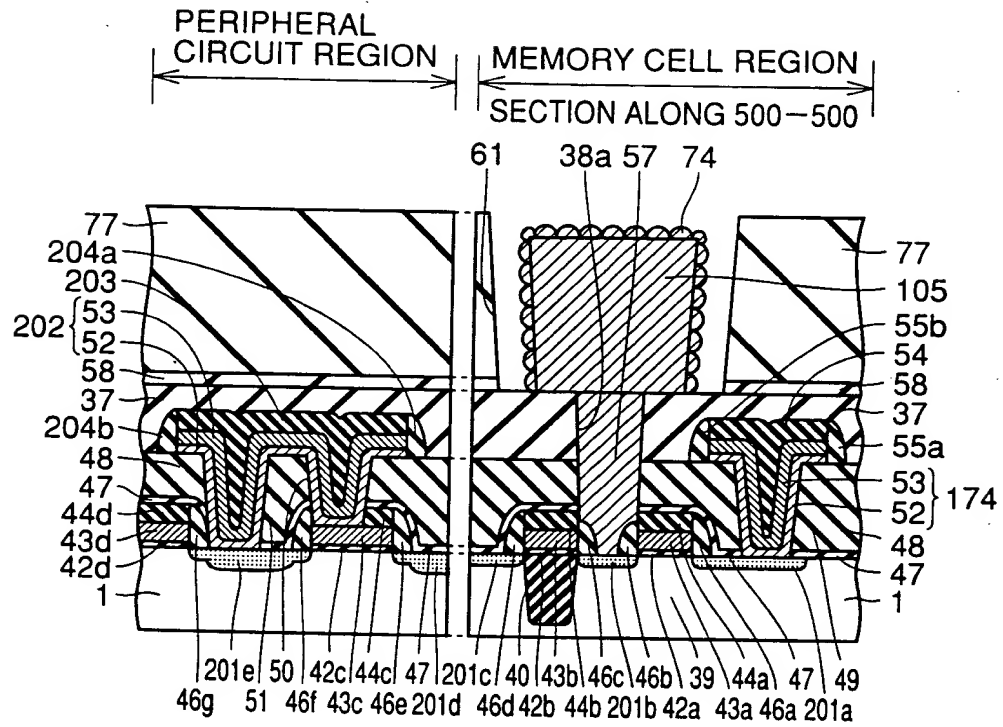


FIG.72

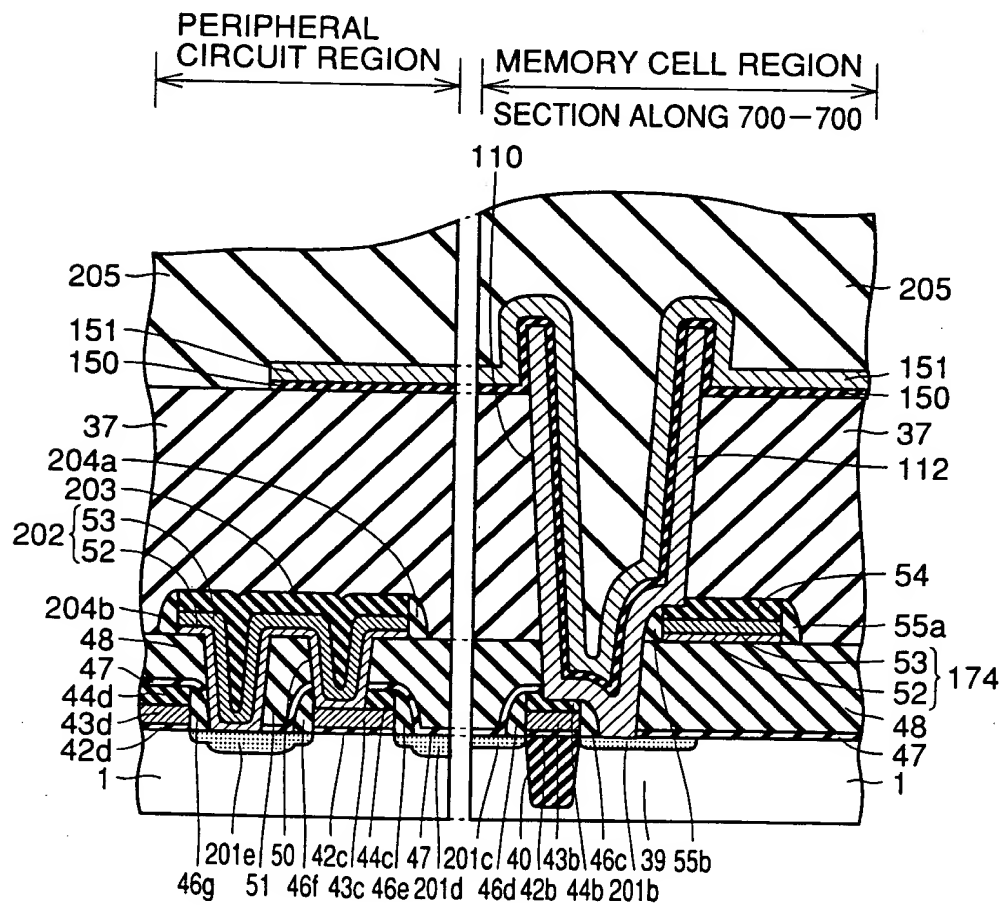


FIG.73

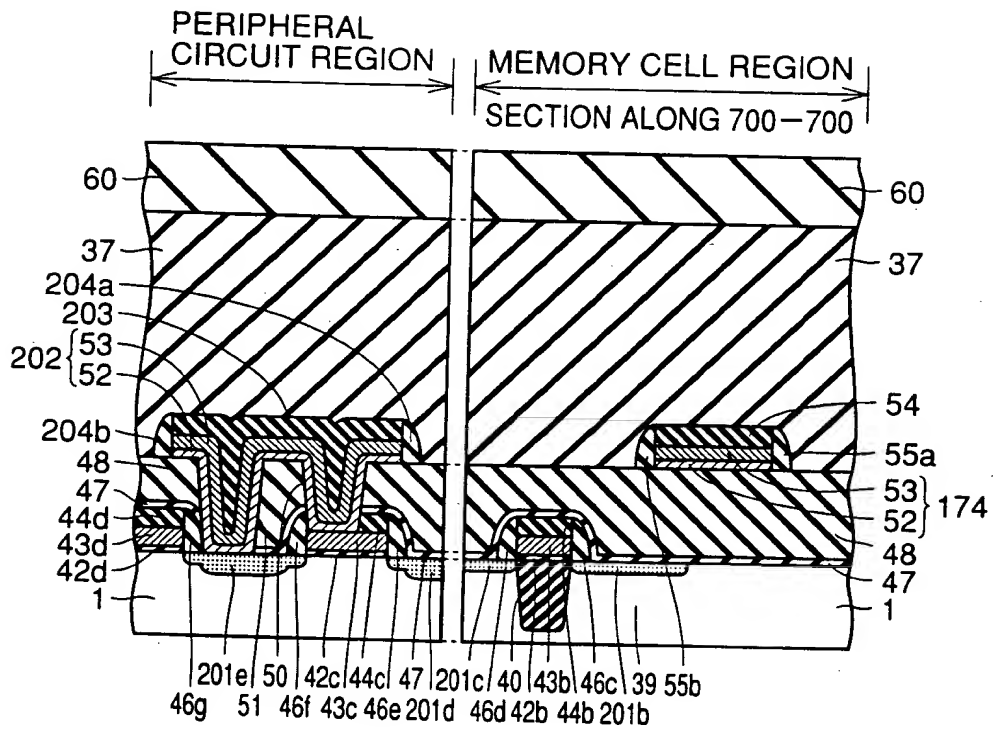


FIG.74

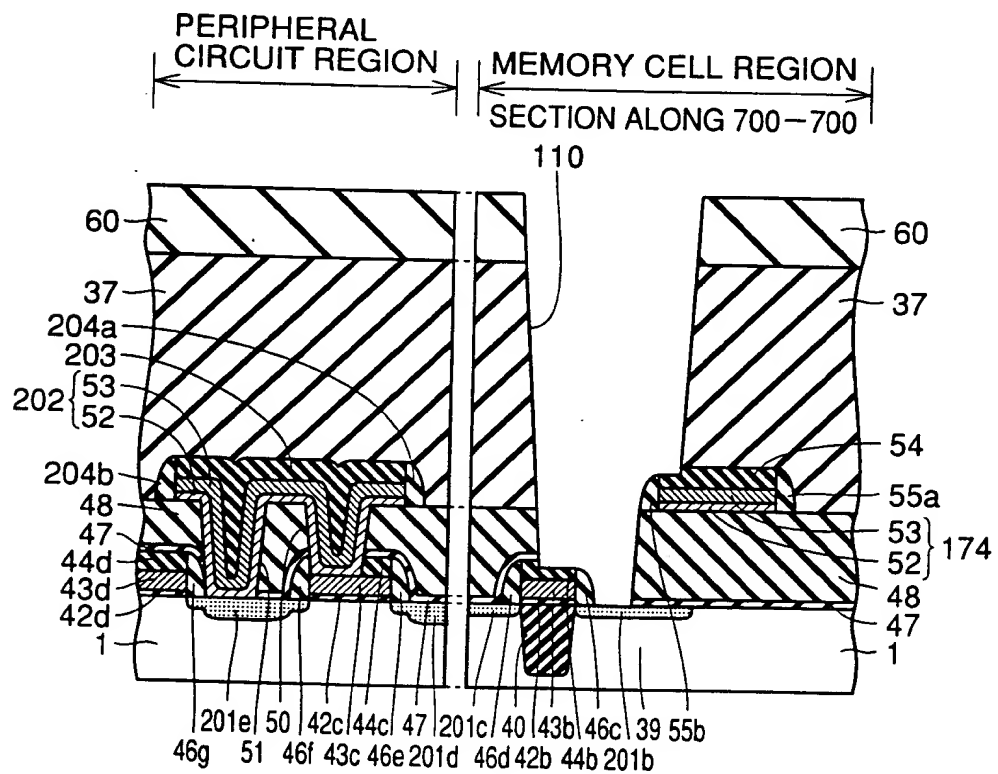


FIG. 75

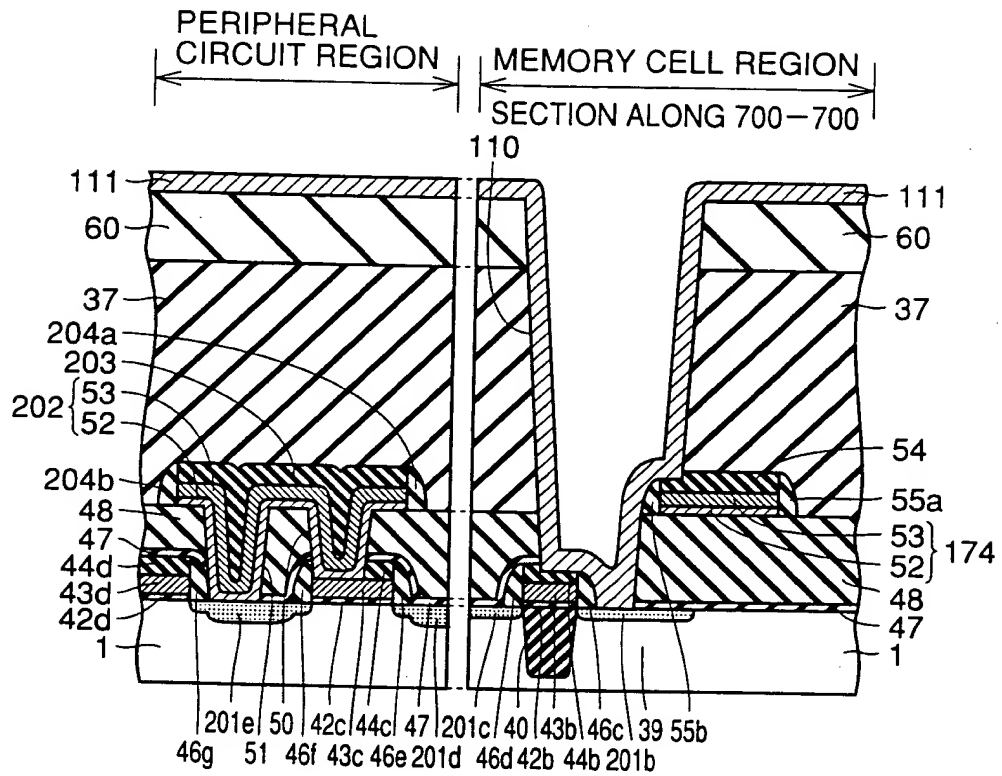


FIG. 76

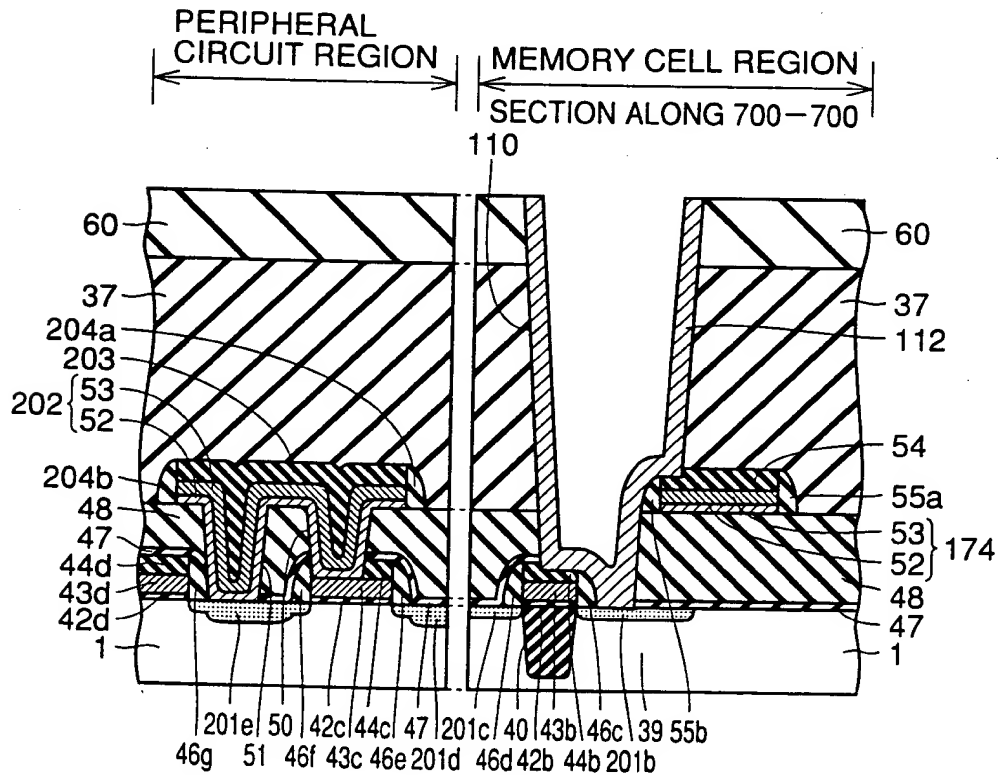


FIG. 77

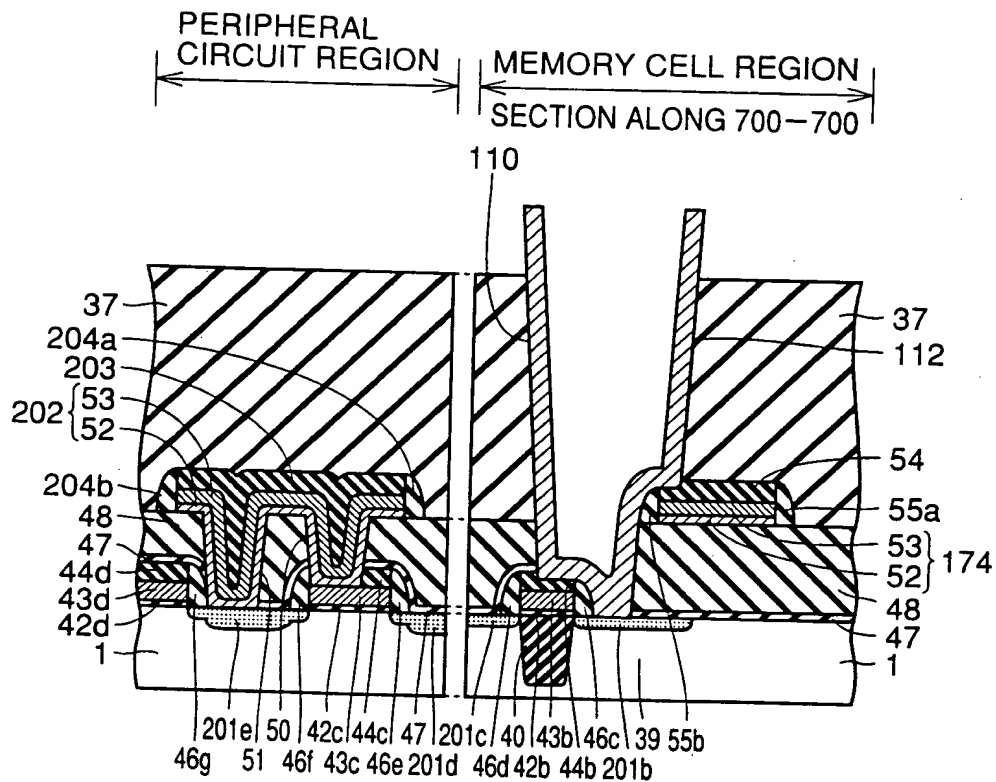


FIG. 78

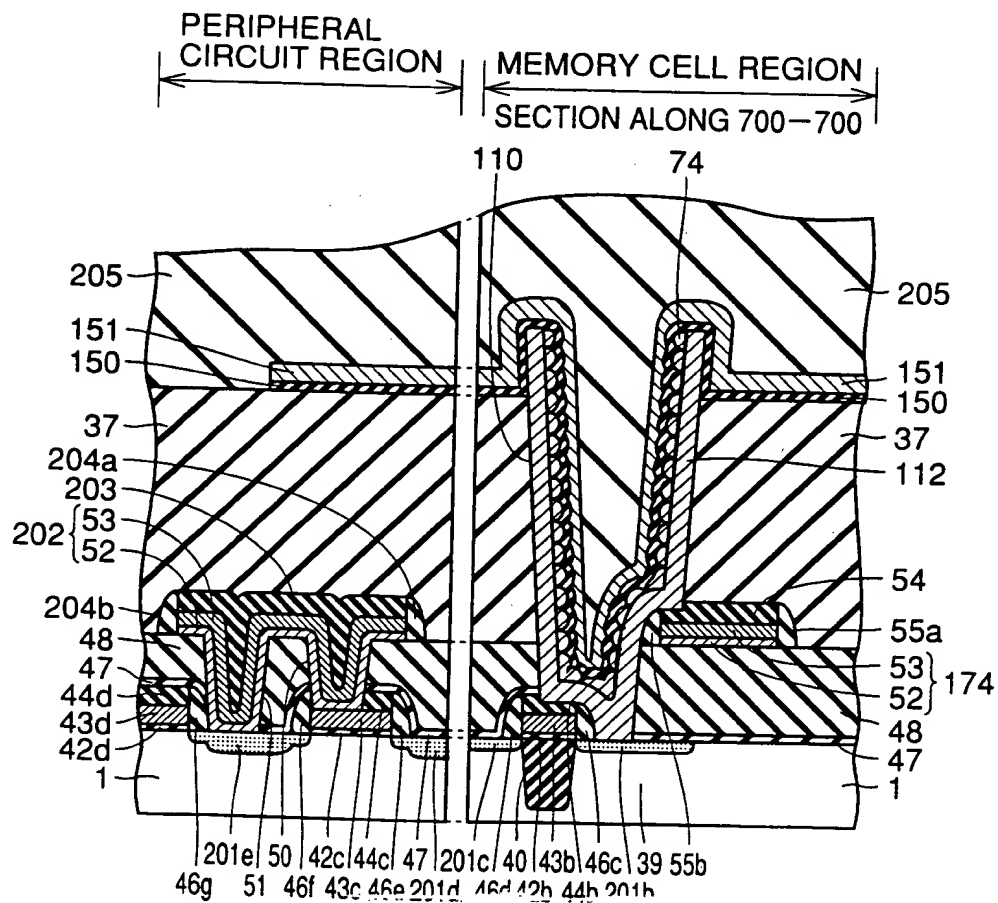


FIG.79

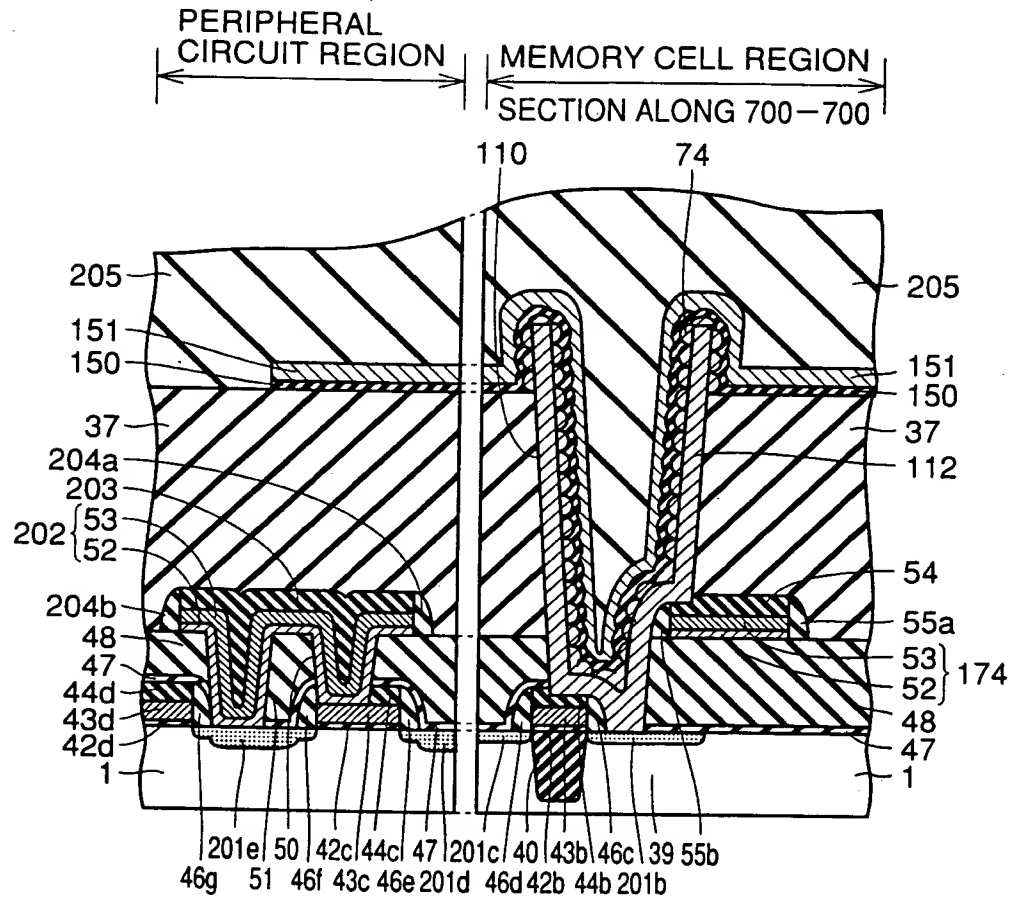


FIG.80

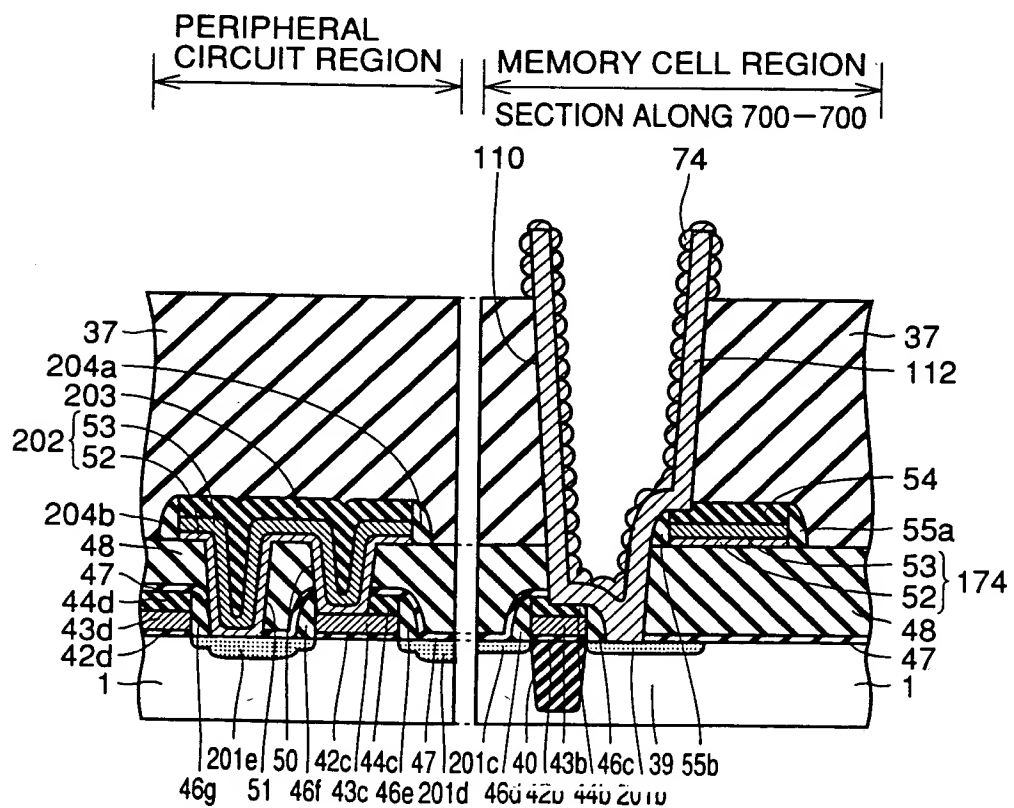


FIG.81

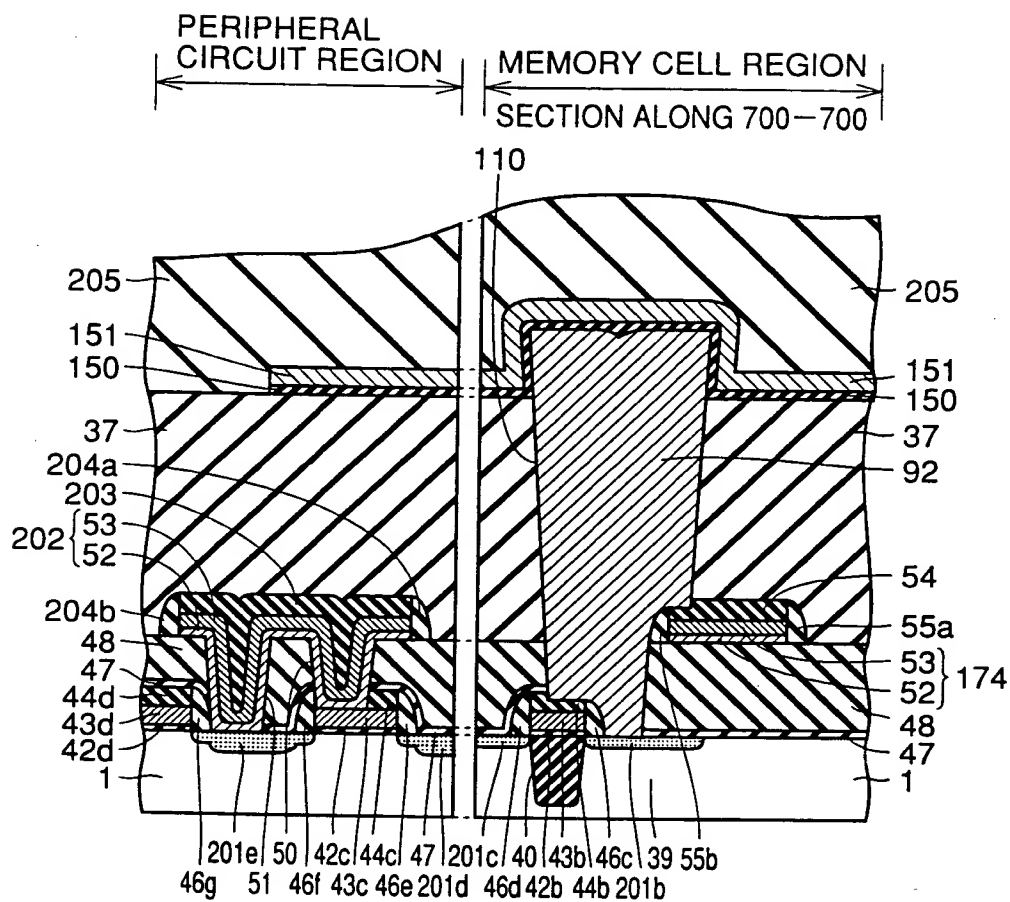


FIG.82

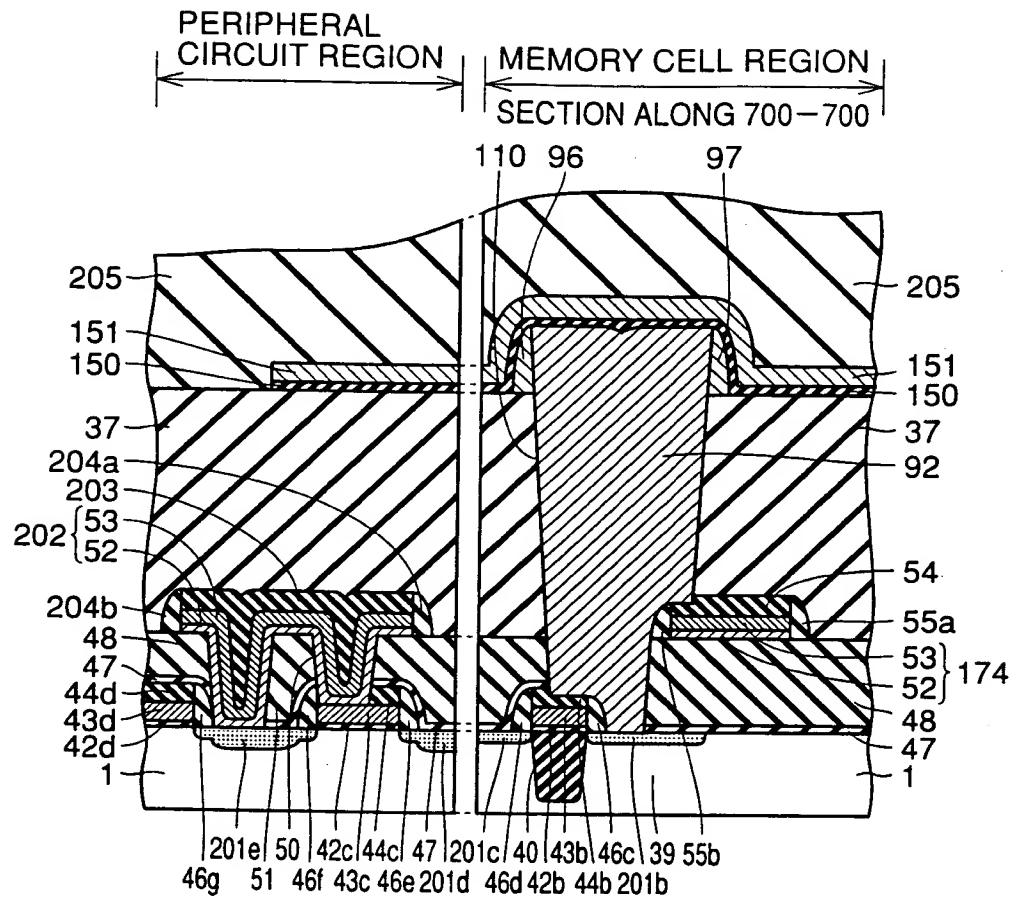
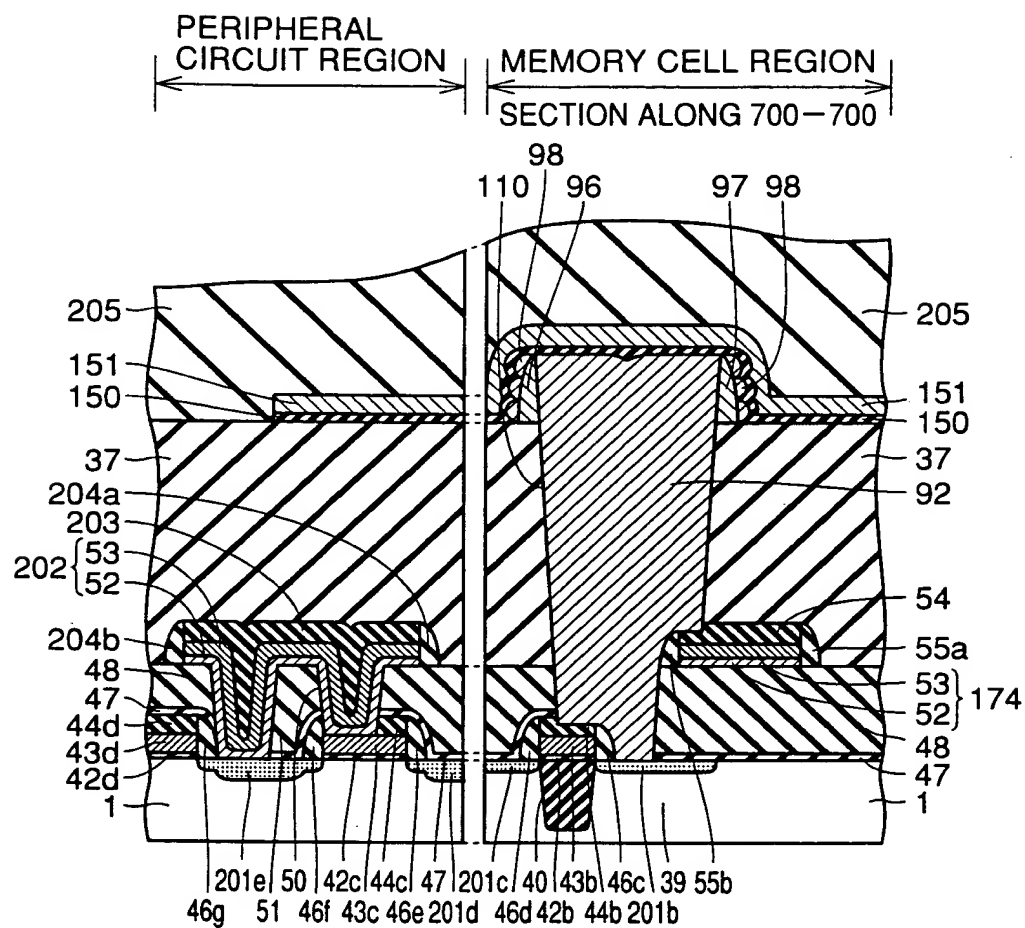


FIG.83



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FIG.84

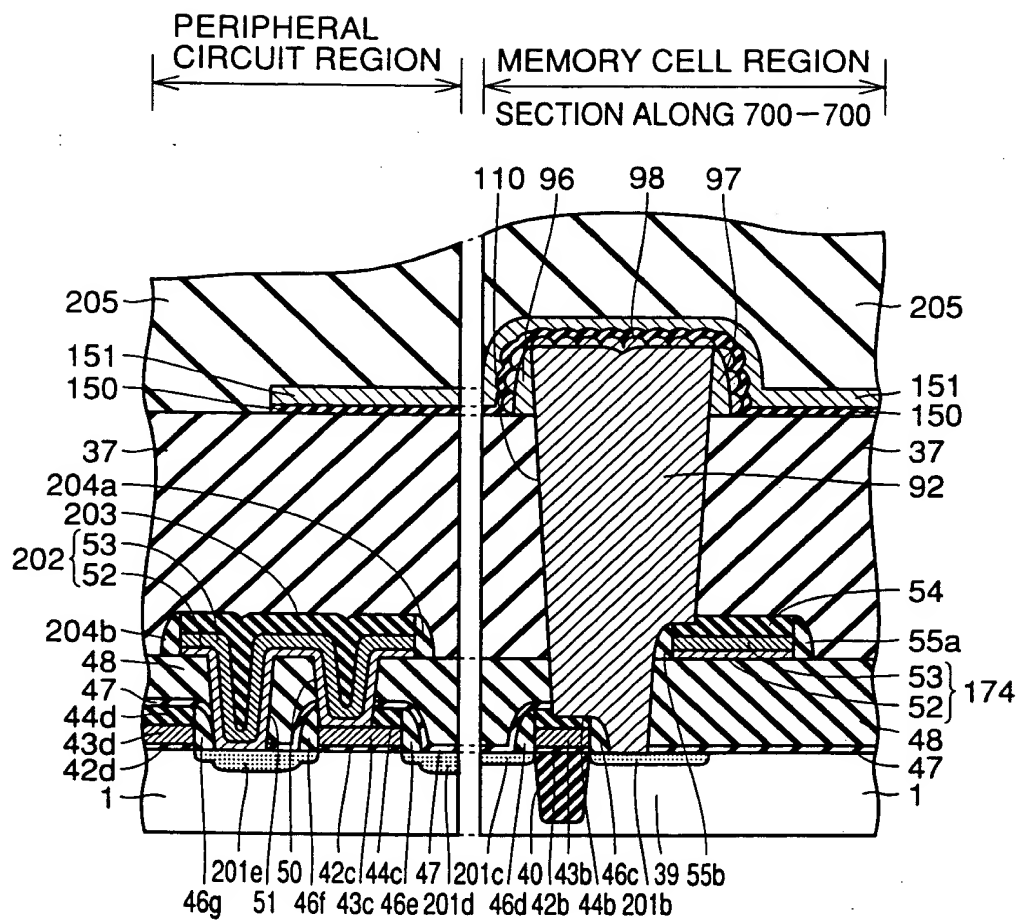


FIG.85

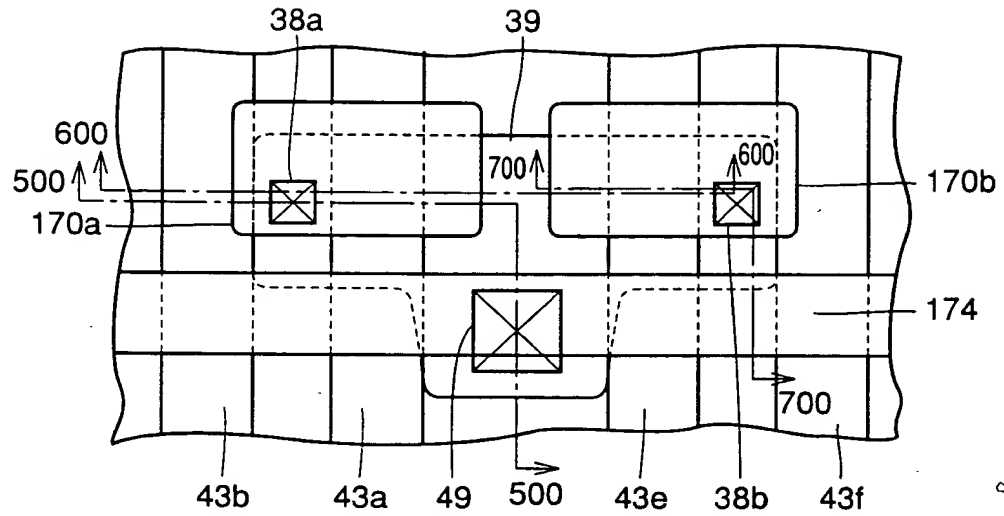


FIG.86

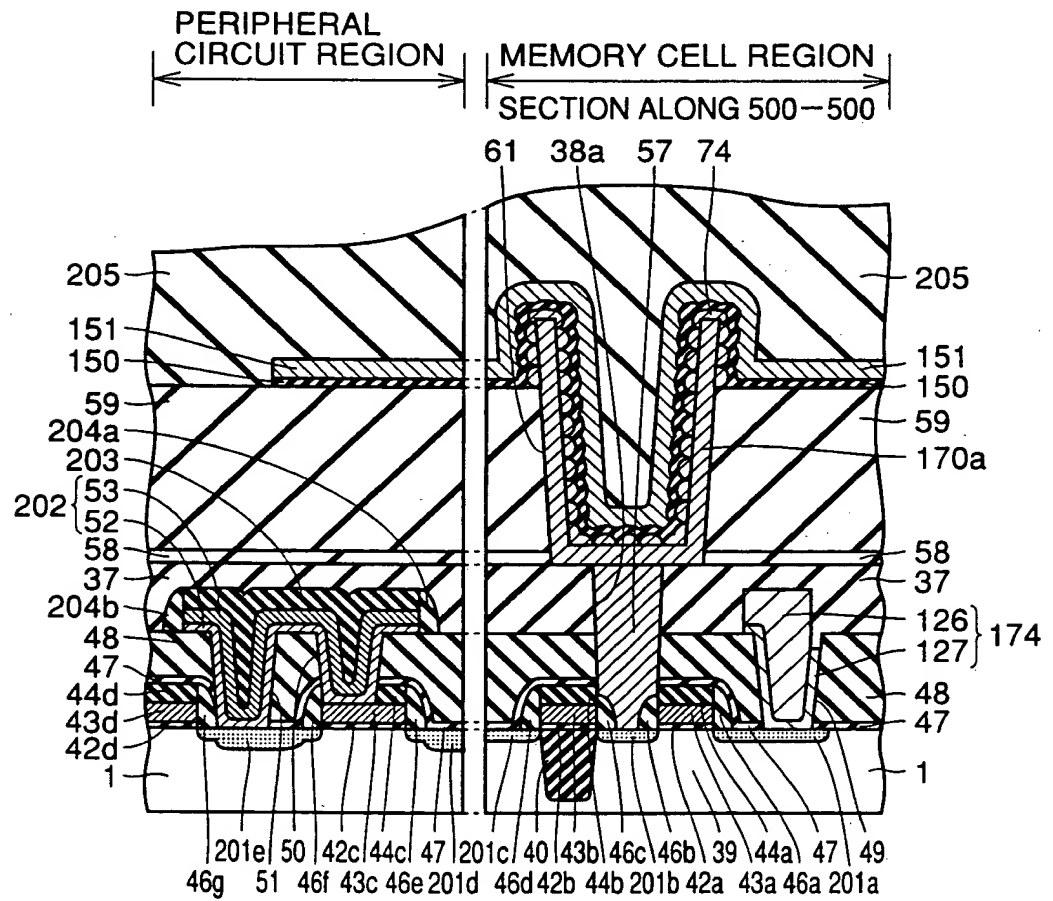


FIG.87

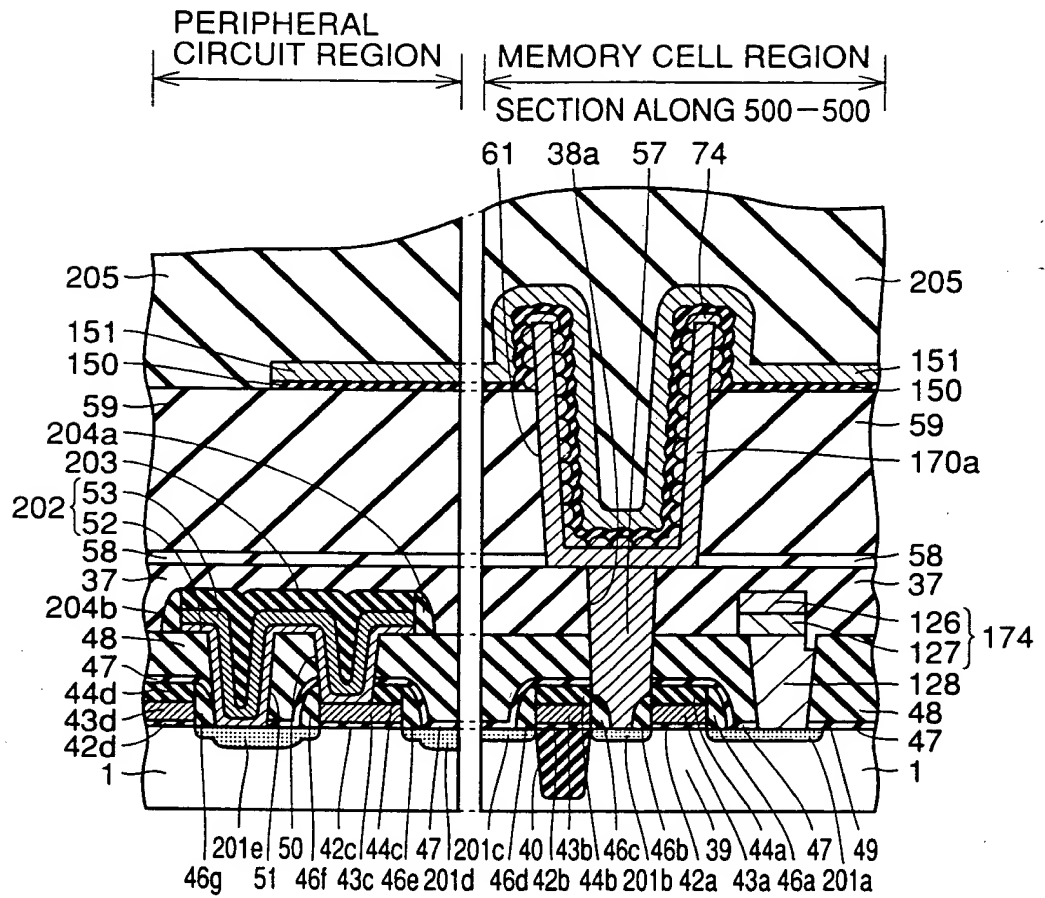


FIG. 88

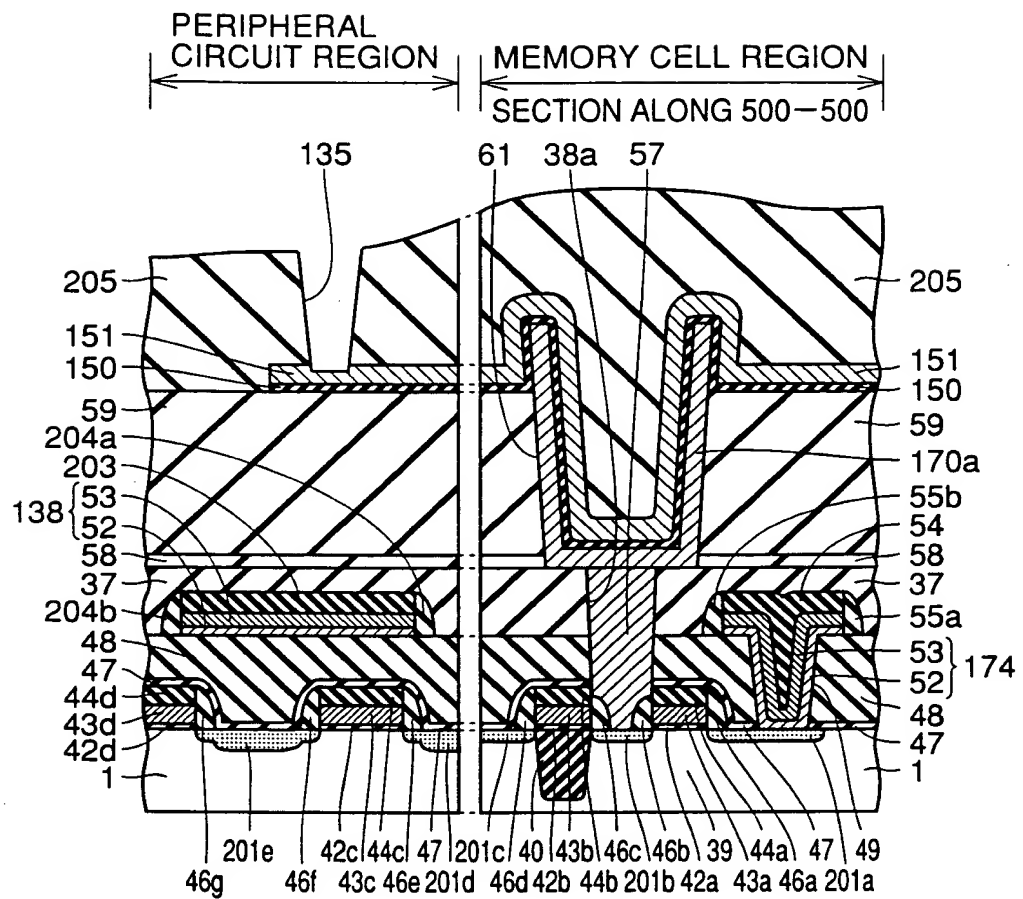


FIG. 89

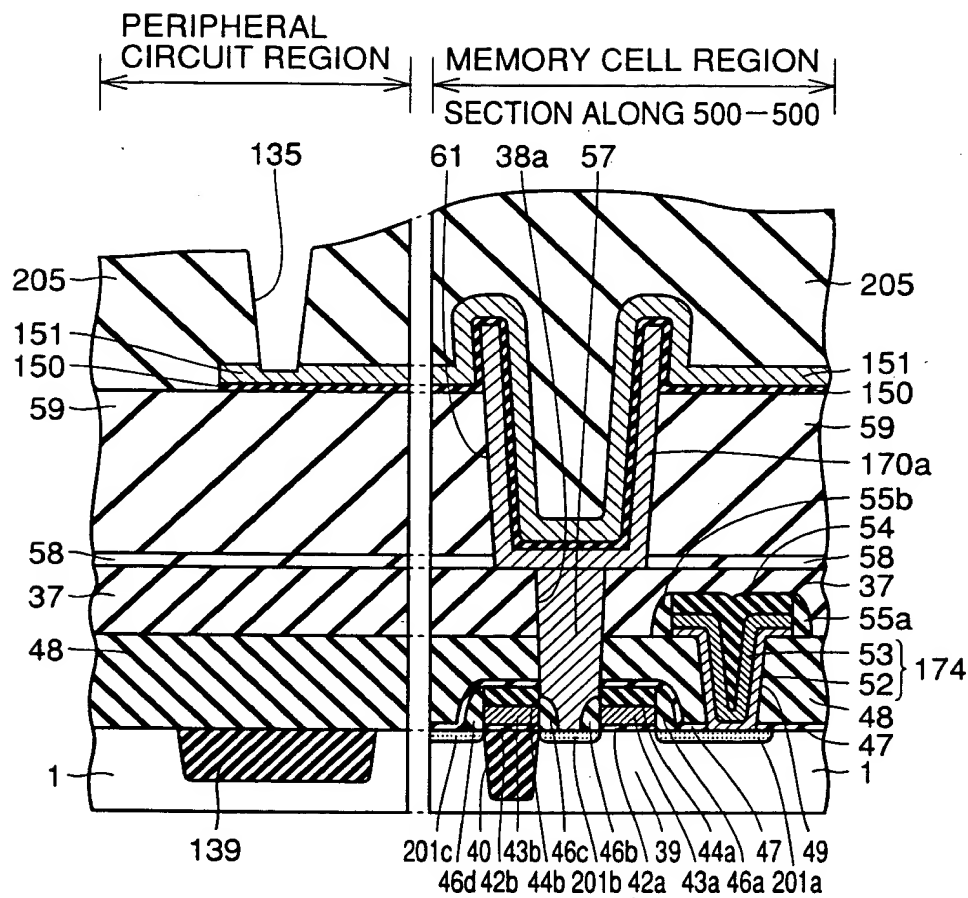


FIG. 90

FIG.90

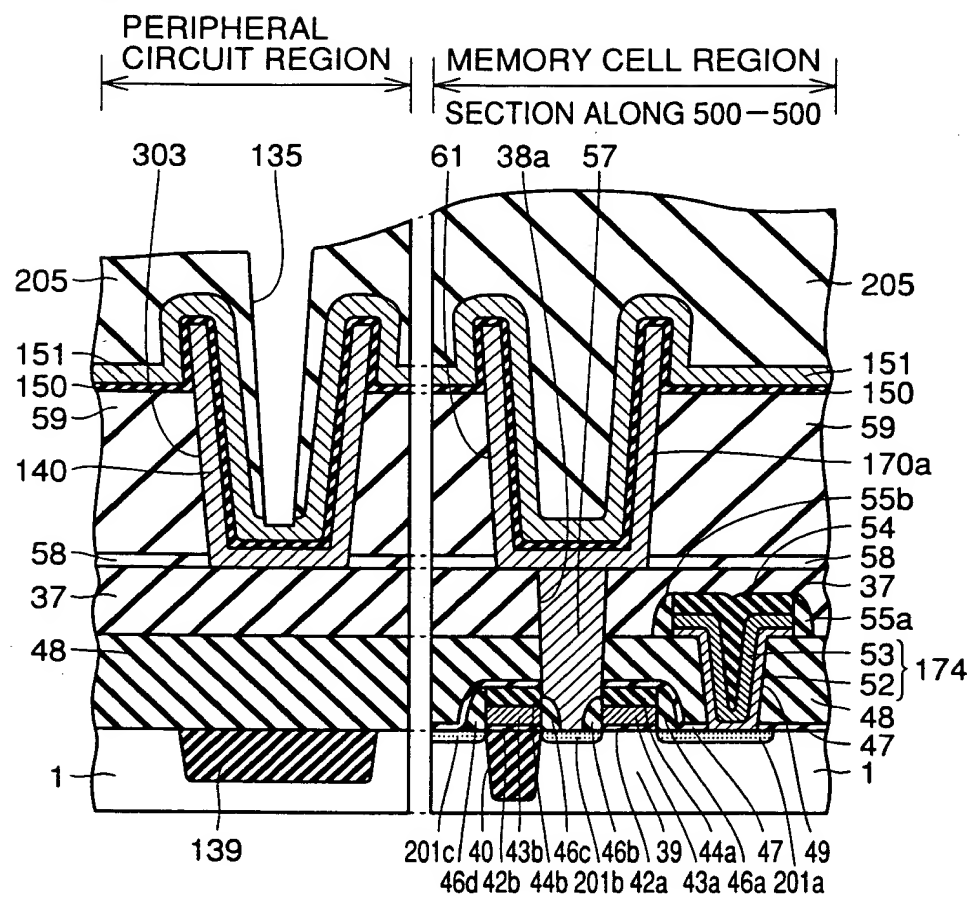


FIG. 91

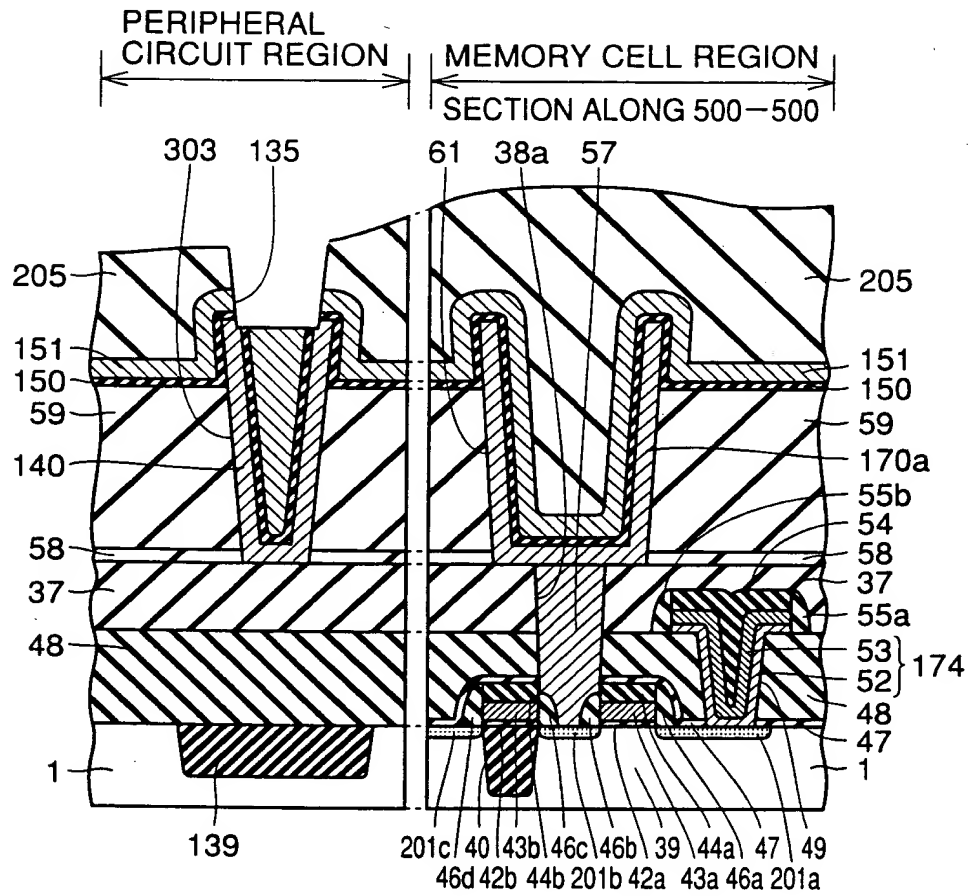


FIG.92

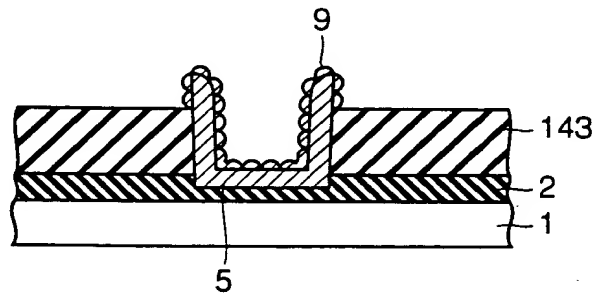


FIG.93

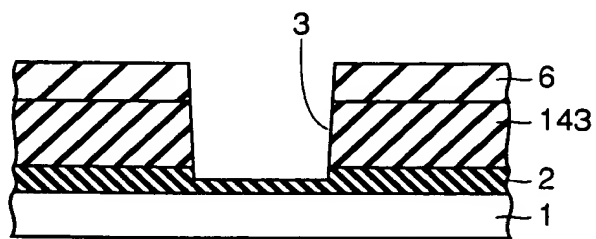


FIG.94

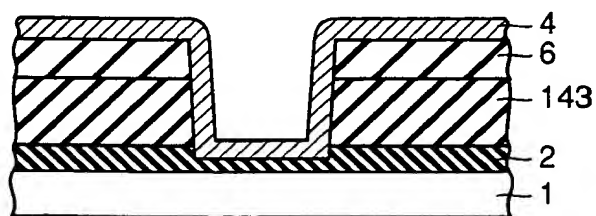


FIG.95

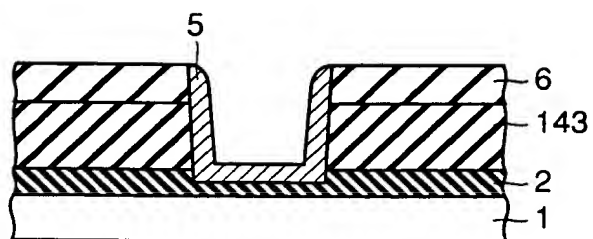


FIG.96

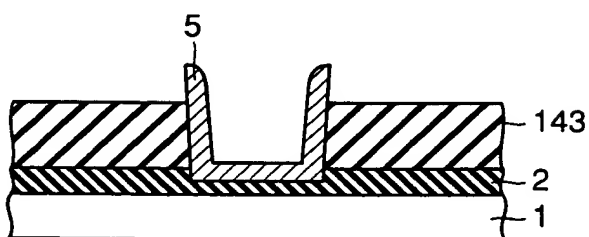


FIG.97

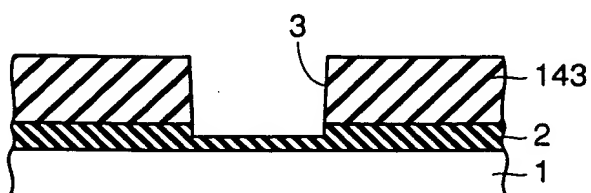


FIG.98

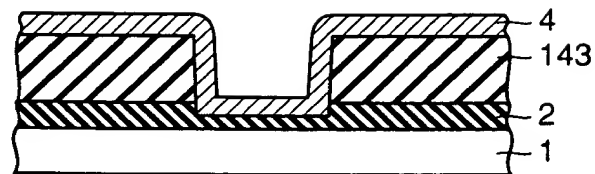


FIG.99

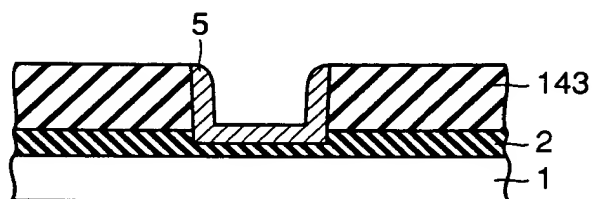


FIG.100

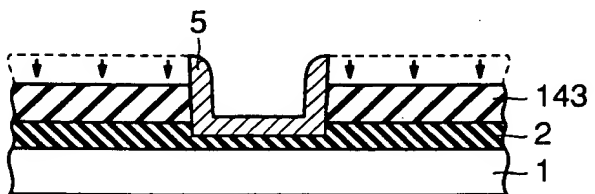


FIG.101

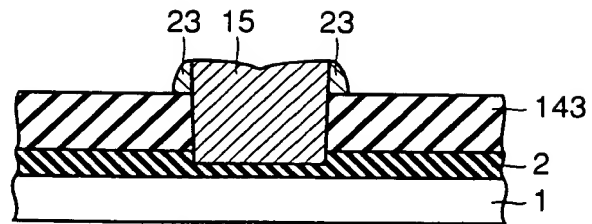


FIG.102

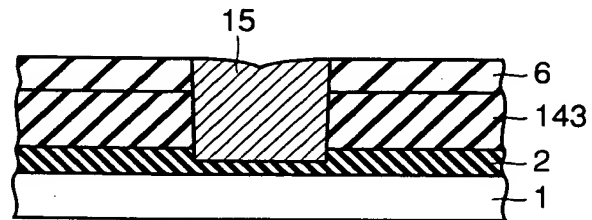


FIG.103

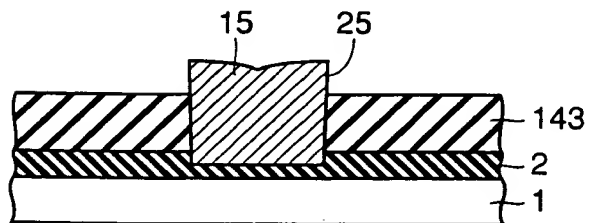


FIG. 104

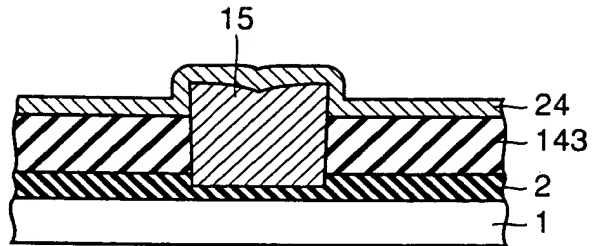


FIG. 105

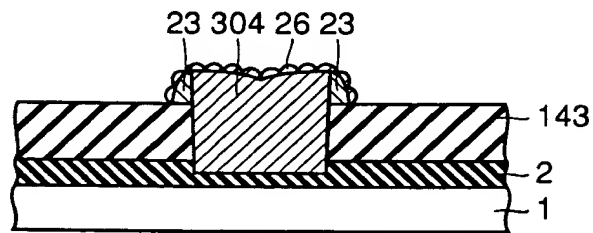


FIG. 106

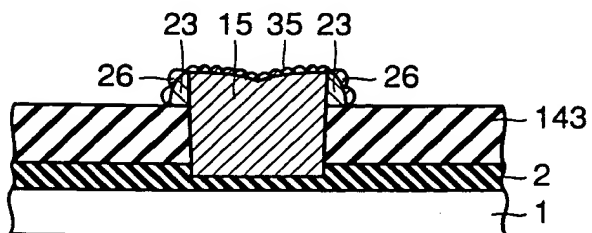


FIG.107

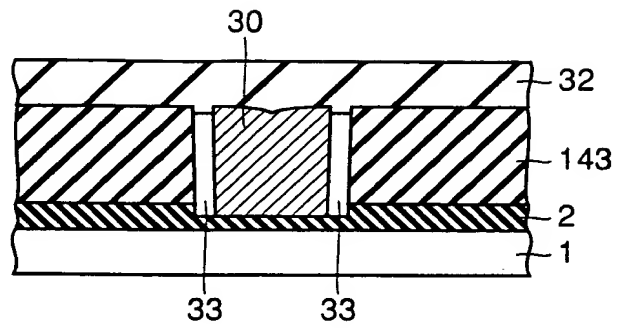


FIG.108

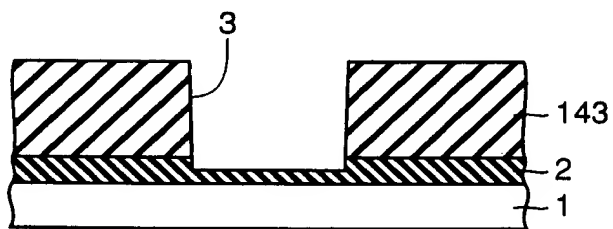


FIG.109

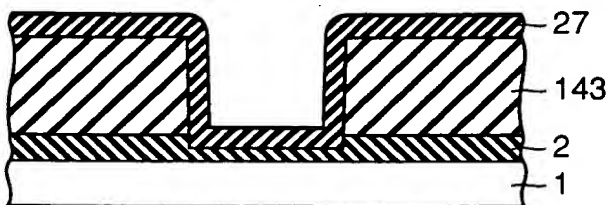


FIG. 107

FIG.110

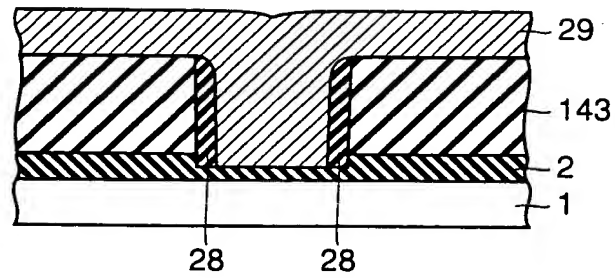


FIG.111

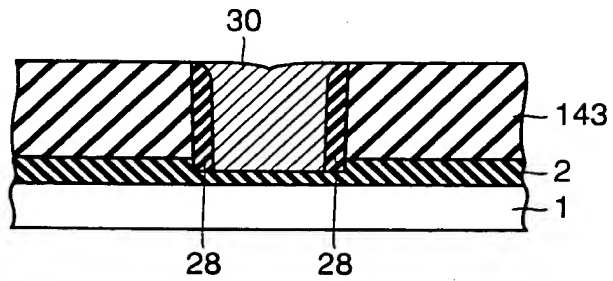


FIG.112

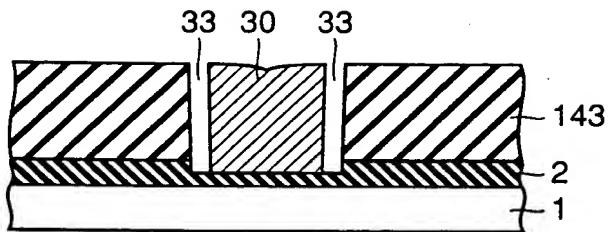


FIG.113

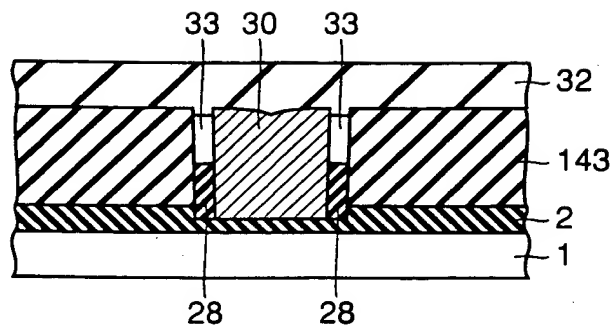


FIG. 114 PRIOR ART

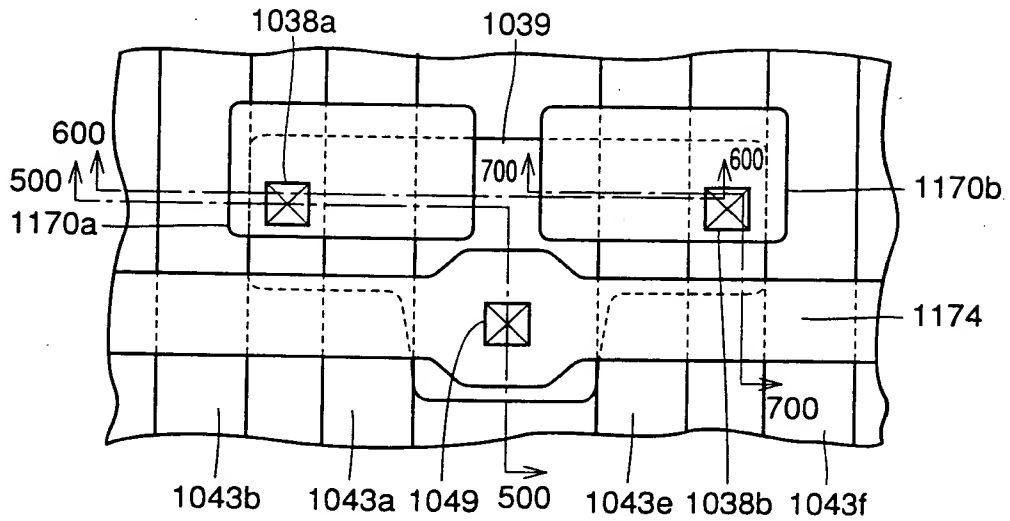


FIG. 115 PRIOR ART

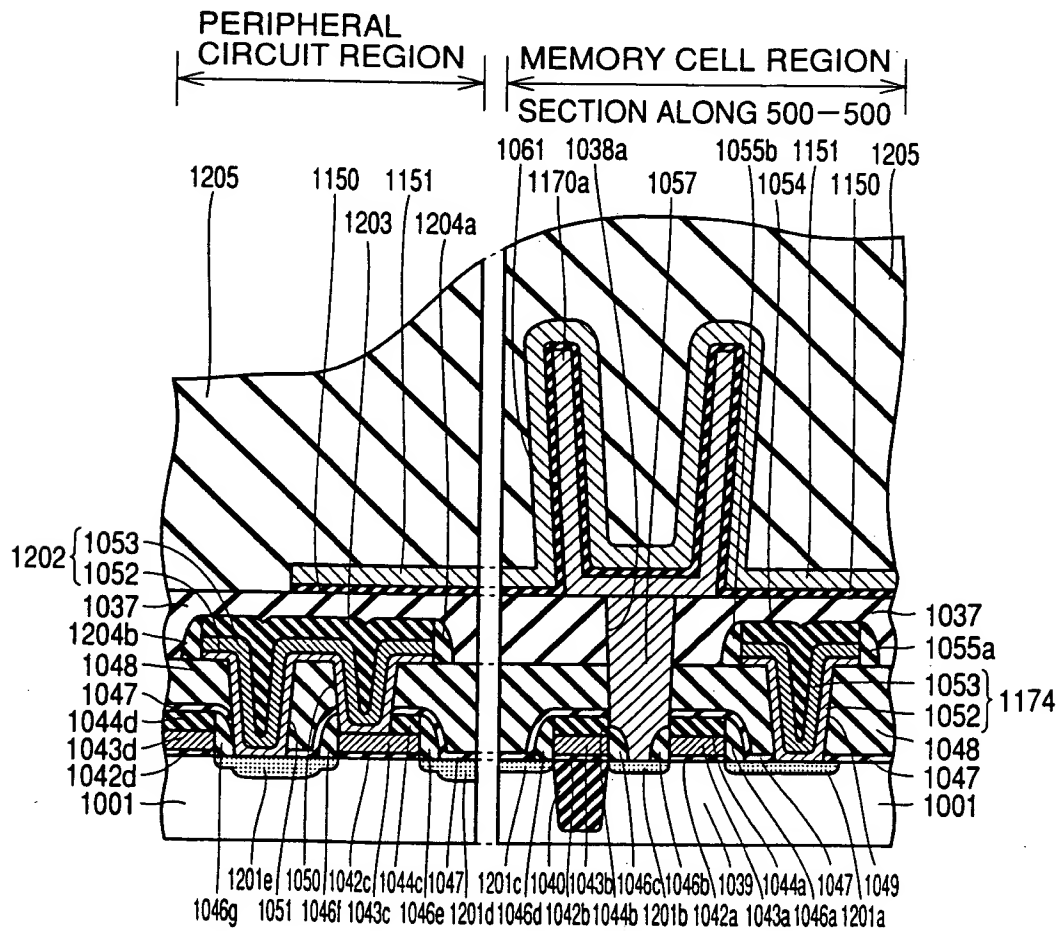


FIG. 116 PRIOR ART

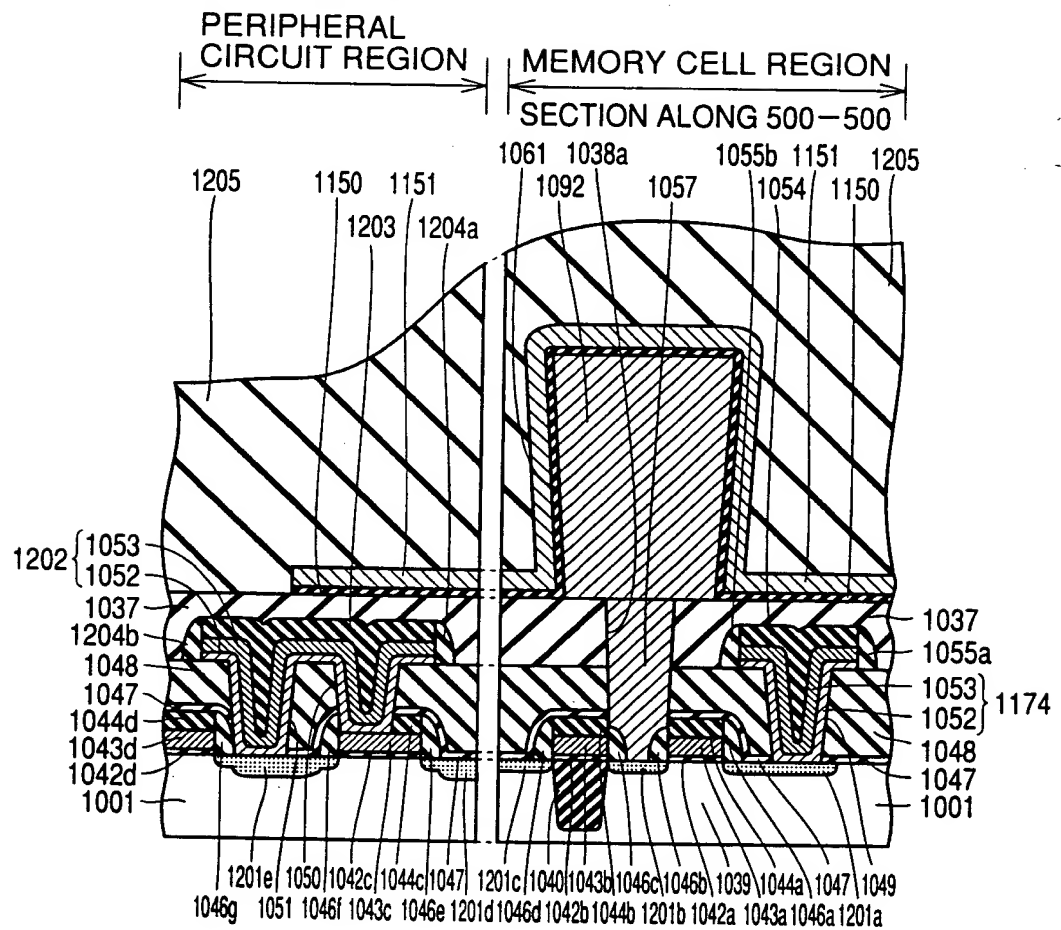


FIG. 117 PRIOR ART

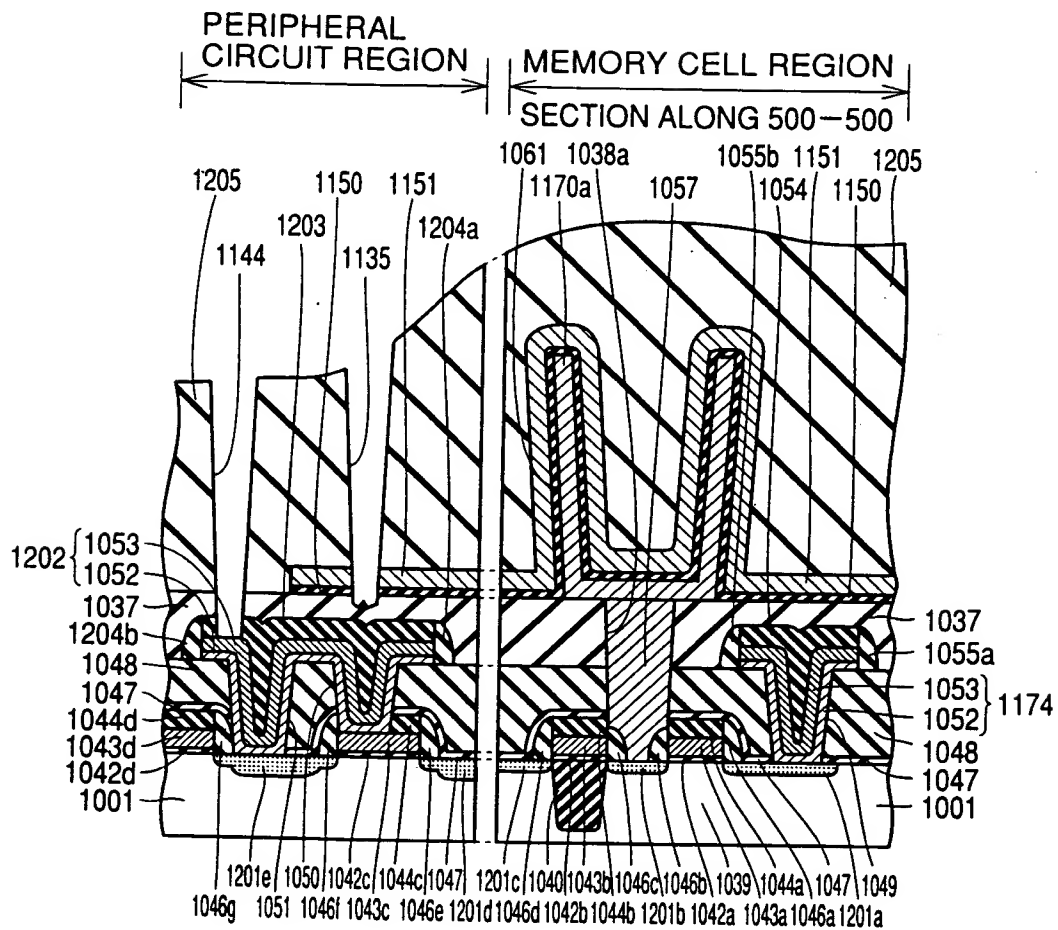


FIG.118 PRIOR ART

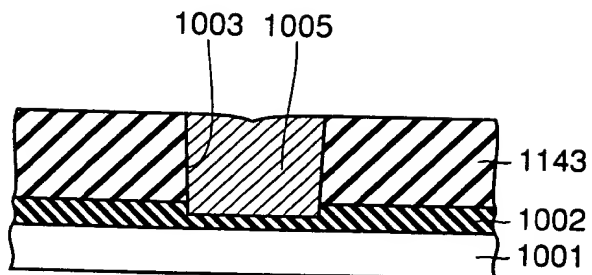


FIG.119 PRIOR ART

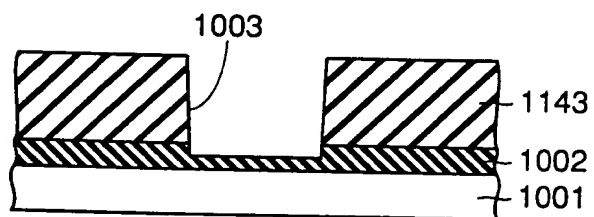


FIG.120 PRIOR ART

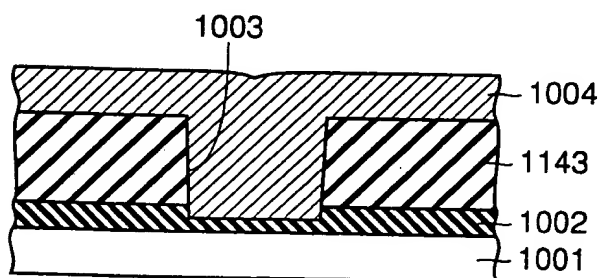


FIG. 118 PRIOR ART

FIG. 121

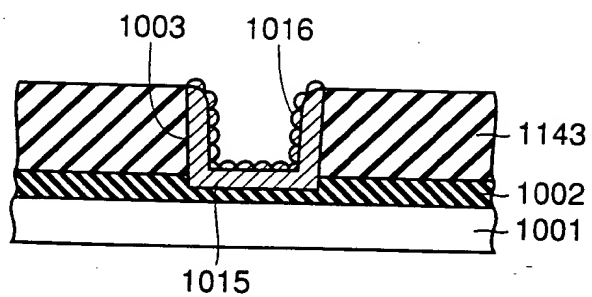


FIG. 122

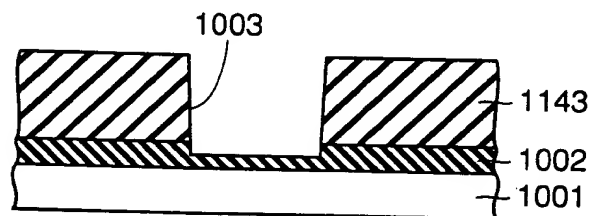


FIG. 123

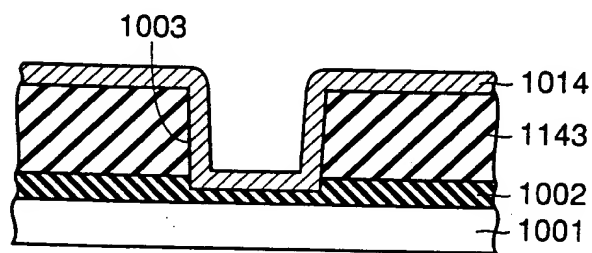


FIG. 124

